

OLYMPUS®

CAMERA

INSTRUCTIONS

DIGITAL CAMERA

D-460ZOOM

PREPARATIONS

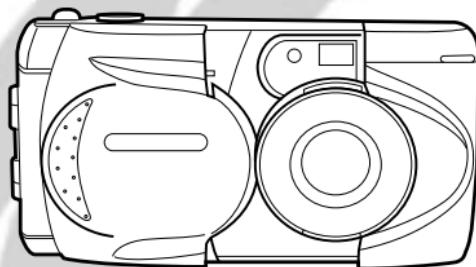
TAKING PICTURES

**DISPLAYING PICTURES
ON THE LCD MONITOR**

**STORING DATA FOR
PRINTING PICTURES**

**USING A PERSONAL
COMPUTER**

MISCELLANEOUS



- Before using your camera, read this manual carefully to ensure correct use.
- We recommend that you take test shots to get accustomed to your camera before taking important photographs.

IMPORTANT SAFETY INSTRUCTIONS

Thank you for purchasing the Olympus digital camera. Before you start to use your new camera, please read these instructions carefully to obtain optimum performance and a longer service life from the unit. Be sure to retain this manual for future reference.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED OLYMPUS SERVICE PERSONNEL.



The lightning flash with the arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN, ANY LIQUID OR MOISTURE.

1. Read Instructions — All the safety and operating instructions should be read before the product is operated.
2. Retain Instructions — The safety and operating instructions should be retained for future reference.
3. Heed Warnings — All warnings on the product and in the operating instructions should be adhered to.
4. Follow Instructions — All operating and use instructions should be followed.
5. Cleaning — Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. Attachments — Attachments not recommended by the product manufacturer may be hazardous and/or cause damage to the product. Do not use these attachments.
7. Water and Moisture — Do not use this product near water — for example, near a bath tub, kitchen sink, or laundry tub, in a wet basement, near a swimming pool or rain.
8. Accessories — Do not place this product on an unstable stand, tripod, bracket, table, or cart. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a tripod, stand, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
9. Power Sources — This product should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

10. **Grounding or Polarization** — This product, when used with an optional AC adapter, may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet.
11. **Power-Cord Protection** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
12. **Lightning** — For added protection for this product when used with an optional AC adapter during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
13. **Overloading** — Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
14. **Object and Liquid Entry** — Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
15. **Servicing** — Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

16. Damage Requiring Service — If using the optional AC adapter, unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) If liquid has been spilled, or objects have fallen into the product.
 - b) If the product has been exposed to rain or water.
 - c) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - d) If the product has been dropped or damaged in any way.
 - e) When the product exhibits a distinct change in performance — this indicates a need for service.
17. Replacement Parts — When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or which have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
18. Safety Check — Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
19. Heat — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Radio and Television Interference

Change or modifications not expressly approved by the manufacturer may void the user's authority to operate this equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the camera and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

Only the included RS-232C serial cable should be used to connect the camera to a personal computer (PC).

Declaration of Conformity

Model Number: D-460ZOOM

Trade Name: OLYMPUS

Responsible party: Olympus America Inc.

Address: 2 Corporate Center Drive, Melville, New York 11747-3157
U.S.A.

Telephone number: 516-844-5000

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

WARNING

- Keep the batteries away from children.
- If a battery is swallowed, see a doctor immediately.
- Dispose of used lithium batteries promptly, in a safe manner that complies with all applicable laws.
- The lithium battery may present the risk of fire or chemical burn if mishandled.
- Do not recharge, disassemble, heat above 212°F (100°C) or dispose of in a fire.
- Before use, wipe the battery clean with a dry soft cloth to assure good contact.
- Never use metallic tweezers to hold the battery, and never short circuit the (+) and (-) sides of the battery.

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Macintosh™ is a trademark of Apple Computer Inc.

All other brand names and product names are registered.

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- All contents of this publication are subject to change without notice.
- Although the contents of this publication have been carefully checked to avoid errors, some may still occur. If you are in doubt about any points or find mistakes or omissions, please contact us.
- No part of this publication may be reproduced or reprinted except for personal use without the prior permission of Olympus.
- Olympus makes no representations or warranties regarding any damages, or benefit expected by using this unit lawfully, or any request from a third person, which are caused by the inappropriate use of this unit.
- Olympus makes no representations or warranties regarding any damages or any benefit expected by using this unit lawfully which are caused by erasing the picture data.
- Olympus reserves all rights to this manual.

FOR SAFE USE



Danger: Ignoring this Danger mark and operating this product incorrectly may lead to serious injury or death.



Warning: Ignoring this Warning mark and operating this product incorrectly may lead to serious injury or death.



Caution: Ignoring this Caution mark and operating this product incorrectly may lead to injury.

BATTERY HANDLING

IGNORING THE WARNINGS BELOW MAY LEAD TO FLUID LEAK, BATTERY HEAT GENERATION, FIRE, EXPLOSION, ELECTRIC SHOCK OR BURNING.



DANGER

1. WHEN USING NiMH BATTERIES, USE OLYMPUS BRAND NiMH BATTERIES AND CHARGER.
2. DO NOT LOAD OR USE BATTERIES WITH THEIR +/- TERMINALS UPSIDE DOWN. DO NOT LOAD BATTERIES FORCEFULLY.
3. DO NOT MODIFY OR DISASSEMBLE BATTERIES OR CONNECT THEM TO THE CAMERA USING SOLDER OR IN ANY OTHER WAY THAN INSTRUCTED IN THIS MANUAL. IT MAY DESTROY THE TERMINALS OR CAUSE BATTERY FLUID TO LEAK.
4. DO NOT CONNECT THE TERMINALS WITH METAL OR CARRY/STORE BATTERIES WITH METALLIC NECKLACES OR HAIRPINS.
5. DO NOT CONNECT THE CAMERA DIRECTLY TO A POWER OUTLET OR CIGARETTE LIGHTER IN A VEHICLE.
6. DO NOT THROW BATTERIES INTO FIRE OR HEAT THEM.
7. IF BATTERY FLUID GETS IN YOUR EYES, DO NOT RUB THEM. WASH THE FLUID OUT WITH CLEAN WATER AND CONTACT A PHYSICIAN IMMEDIATELY.



WARNING

1. DO NOT ALLOW BATTERIES TO COME IN CONTACT WITH WATER OR SEA WATER.
2. BATTERY FLUID MAY LEAK, GENERATING HEAT AND POSSIBLY CAUSING A FIRE OR EXPLOSION.
 - DO NOT USE NON-RECOMMENDED BATTERIES.
 - DO NOT THROW BATTERIES INTO A FIRE, OR EXPOSE TO HEAT. DO NOT DISASSEMBLE THE UNIT WITH BATTERIES INSIDE.
 - DO NOT USE OLD AND NEW OR CHARGED AND UNCHARGED BATTERIES, OR BATTERIES OF DIFFERENT CAPACITIES/KINDS/BRANDS MIXED TOGETHER.
 - DO NOT CHARGE ALKALINE AND LITHIUM BATTERIES.
 - DO NOT LOAD THE BATTERIES IN THE OPPOSITE DIRECTION TO THAT SHOWN IN THESE INSTRUCTIONS.
 - DO NOT USE BATTERIES IF THEIR BODY IS NOT COVERED BY THE INSULATING SHEET OR IF THE SHEET IS TORN AS IT MAY CAUSE FLUID LEAK, FIRE OR INJURY. DO NOT USE THESE BATTERIES EVEN IF THEY ARE SOLD IN STORES.
3. IF NiMH BATTERIES ARE NOT CHARGED WITHIN THE SPECIFIED TIME, STOP CHARGING.
4. DO NOT USE BATTERIES IF A FLUID LEAK, CHANGE OF COLOR/SHAPE OR OTHER ABNORMALITY IS FOUND.
5. STORE AND USE BATTERIES OUT OF CHILDREN'S REACH. IF A CHILD SWALLOWS BATTERIES, CONTACT A PHYSICIAN IMMEDIATELY.
6. IF BATTERY FLUID GETS ON SKIN OR CLOTHES, SOAK IT WITH CLEAN WATER AS IT MAY BURN THE SKIN.
7. DO NOT MODIFY THE BATTERY COMPARTMENT ON THE CAMERA OR INSERT FOREIGN OBJECTS IN IT.



CAUTION

1. OLYMPUS NiMH BATTERIES ARE FOR USE WITH OLYMPUS DIGITAL CAMERAS ONLY. DO NOT USE THEM WITH OTHER EQUIPMENT.
2. DO NOT APPLY PHYSICAL SHOCK TO BATTERIES.
3. DO NOT USE CHARGEABLE AND UNCHARGEABLE BATTERIES OR BATTERIES OF DIFFERENT CAPACITIES/KINDS/BRANDS MIXED TOGETHER.
4. WHEN CHARGING NiMH BATTERIES, CHARGE ALL FOUR (OR TWO) BATTERIES AT THE SAME TIME.
5. CHARGE NiMH BATTERIES BEFORE USING THEM FOR THE FIRST TIME OR AFTER NOT USING THEM FOR A LONG TIME.
6. KEEP BATTERIES UNLOADED WHEN NOT IN USE FOR A LONG TIME, AS IT MAY CAUSE FLUID LEAK OR HEAT GENERATION.
7. DO NOT USE BATTERIES IF A FLUID LEAK, CHANGE OF COLOR/SHAPE OR OTHER ABNORMALITY IS FOUND, AND TAKE THEM TO AN AUTHORIZED OLYMPUS SERVICE CENTER.
8. DO NOT USE OR STORE BATTERIES UNDER DIRECT SUNLIGHT OR IN HOT TEMPERATURES SUCH AS IN A HOT VEHICLE OR IN FRONT OF A HEATER.
9. DO NOT UNLOAD BATTERIES IMMEDIATELY AFTER USING THE CAMERA FOR A LONG TIME AS THEY GET HOT.

HANDLING



WARNING

1. NEVER TRY TO USE THE FLASH WHEN TAKING PICTURES OF PEOPLE (ESPECIALLY INFANTS) AT CLOSE RANGE. THE CAMERA'S FLASH MAY DAMAGE THE SUBJECT'S EYES AT CLOSE RANGE. DO NOT TAKE PICTURES OF CHILDREN FROM A DISTANCE OF LESS THAN THREE FEET.
2. DO NOT AIM YOUR CAMERA DIRECTLY AT THE SUN OR OTHER EXTREMELY BRIGHT OBJECTS. THIS MAY DAMAGE YOUR EYES.
3. DO NOT USE THIS CAMERA IN THE VICINITY OF FLAMMABLE OR EXPLOSIVE GAS.
4. DO NOT LEAVE THIS CAMERA WITHIN THE REACH OF INFANTS OR CHILDREN.
 - THE CHILD MIGHT PUT THE STRAP AROUND HIS OR HER NECK. THIS COULD CAUSE STRANGULATION OR CHOKING.
 - THE CHILD MIGHT SWALLOW BATTERIES OR SMALL ATTACHMENTS. IF THIS HAPPENS, CONTACT A PHYSICIAN IMMEDIATELY.
 - THE CHILD MIGHT ACTIVATE THE FLASH FROM TOO CLOSE AND CAUSE DAMAGE TO HIS OR HER EYES.
 - THE CHILD MAY BE INJURED.
5. DO NOT STORE THE CAMERA IN HUMID OR DUSTY PLACES. THIS MAY CAUSE FIRE OR ELECTRIC SHOCK.
6. DO NOT COVER THE FLASH WITH YOUR HAND DURING OPERATION. DO NOT TOUCH THE FLASH AFTER FIRING IT CONTINUOUSLY. YOU MAY GET BURNED.
7. IF YOU DROP THE CAMERA IN WATER OR GET WATER INSIDE IT, UNLOAD THE BATTERIES IMMEDIATELY AND CONTACT YOUR NEAREST OLYMPUS SERVICE CENTER. LEAVING BATTERIES IN A WET CAMERA MAY CAUSE FIRE OR ELECTRIC SHOCK.



CAUTION

1. IF YOU NOTICE AN UNUSUAL SMELL, NOISE, OR SMOKE EMITTING FROM THIS CAMERA, UNLOAD THE BATTERIES CAREFULLY TO AVOID BEING BURNED. (WHEN UNLOADING BATTERIES, DO IT OUTSIDE AWAY FROM FLAMMABLE OBJECTS, AND DO NOT TOUCH BATTERIES WITH YOUR BARE HANDS.) CONTACT YOUR NEAREST OLYMPUS SERVICE CENTER IMMEDIATELY.
2. NEVER ATTEMPT TO DISASSEMBLE THIS CAMERA. IT CONTAINS HIGH-VOLTAGE CIRCUITRY THAT MAY CAUSE ELECTRIC SHOCK AND INJURY.
3. DO NOT OPERATE THE CAMERA WITH WET HANDS AS YOU MAY GET AN ELECTRIC SHOCK.
4. DO NOT STORE THE CAMERA IN ANY PLACE EXPOSED TO EXCESSIVE HEAT. THIS MAY WEAKEN THE PARTS OR CAUSE A FIRE.

CARE AND STORAGE



HANDLING

- Do not use or store the camera in places exposed to direct sunlight (e.g. a beach in summer), excessive heat, humidity, extreme variations of temperature and humidity, sand or dust, excessive moisture, or vibrations (e.g. in a car).
- Do not use or store the camera near a heater, cooler, or humidifier, or near a fire, magnetic fields, or volatile materials.
- Do not shake the camera or subject it to shocks.
- Do not leave the camera with its lens pointing towards direct sunlight. This will damage the lens.
- Do not leave the camera unused for a long period of time. This may cause battery leakage and can lead to problems including the growth of mold in the camera. Before using, press the Shutter release button to check operation.
- Do not turn the camera when it is mounted on a tripod. Turn the tripod head instead.
- Do not touch any of the camera's internal parts.
- Do not use the flash for extended periods as this can cause the flash to become excessively hot. Do not touch the flash when it is hot.
- Do not improperly open or modify the camera, as it may result in a shock or injury.



BATTERY HANDLING

- This camera uses four AA NiMH batteries, AA alkaline batteries, AA lithium batteries or AA NiCd batteries. Two CR-V3 lithium battery packs can also be used. (Olympus brand recommended.)
- Performance will be limited with alkaline batteries, especially in low temperatures. NiMH batteries are recommended.
- AA manganese batteries cannot be used.
- Use the batteries correctly. Incorrect use can cause fluid leakage, heat generation, or other damage. When replacing batteries, be sure to load them correctly.
- The batteries may be temporarily disabled when exposed to cold temperatures. Try to keep the camera and batteries warm when using the camera in a cold environment. Batteries that are weak in cold temperatures will be restored under normal temperatures.
- Sweat, oil, etc. can prevent a battery's terminals from making electrical contact. To avoid this, wipe both terminals before loading the battery.
- Keep spare batteries on hand when going on a long trip. New batteries may be difficult or impossible to obtain abroad.
- When using NiMH batteries or NiCd batteries, make sure to charge them fully with the correct battery charger.
- Read instructions carefully before handling NiMH batteries or NiCd batteries.
- NEVER use any battery whose body is not covered by the insulating sheet, as it may cause a fire or injury.
- Recommended Temperature when Using NiMH Batteries
Operation: 32 ~ 104°F, Charge: 32 ~ 104°F, Storage: -4 ~ 86°F
(Usage outside this temperature range may limit battery performance or shorten battery life. Unload batteries from the camera when not in use.)

Important

- "Note" indicates information you should be aware of.
- Actual product may differ slightly from that shown in illustrations.

CONTENTS

Important safety instructions.....	2
For safe use.....	8
Battery handling.....	8
Handling.....	11
Care and storage.....	12
Battery handling.....	13
Main features.....	17

1 PREPARATION.....19

Checking the contents.....	20
Names of parts	21
Attaching the strap.....	24
Loading the batteries	25
Using the AC adapter (optional)	27
Inserting SmartMedia	28
Adjusting the date and time	29
Learning the basics	31
Turning on the power.....	31
Checking the card.....	32
Checking the batteries	33
Checking the number of storables pictures	34
Holding the camera.....	35
Adjusting the diopter.....	36
Proper shutter release	36
How to use the Menu.....	37
Turning off the power	39

2 TAKING PICTURES.....41

Taking pictures.....	42
Taking pictures using the optical viewfinder.....	42
Taking pictures using the LCD monitor	44
Quick view	46
Focus lock	47
Autofocus.....	48
Working range	50
Zoom	51

Using the flash	52
Using the flash modes	52
How to select the flash mode	53
Auto-flash	54
Red-Eye reducing flash	54
Fill-In flash	55
Slow shutter synchronization flash	55
Red-Eye reducing flash + Slow shutter synchronization flash	56
Off	56
Macro mode	57
Digital Tele mode	58
Selftimer	59
Quick focus	60
Record menu	62
Exposure compensation	63
Spot metering mode	65
Selecting the recording mode	67
White balance	69
ISO	71
Sequence mode	73
Panorama mode	75
Sharpness	77
File number	78
Beep sound	81
Setting reset	82

3 DISPLAYING PICTURES ON THE LCD MONITOR **83**

Displaying recorded pictures	84
Index-display mode	86
Close-up display mode (3x inspection)	87
Protection	88
One-frame erase	89
Connecting to a television	90
Display menu	91

CONTENTS (cont.)

Slide-show mode	92
File number display	93
Card setup	94
All-frame erase	94
Card format.....	96
Index-Display adjustment	98
LCD brightness.....	99
4 STORING DATA FOR PRINTING PICTURES.....101	
Printing pictures.....	102
Card print.....	103
Card print menu	103
Date-print (card).....	104
Print-reserve (card).....	105
Printing with the P-330N/P-330	107
5 USING A PERSONAL COMPUTER 109	
Computer system requirements.....	110
Installing provided software	111
Connecting to a personal computer.....	112
Using a personal computer.....	113
Transferring data from SmartMedia	114
PC Card Adapter.....	114
FlashPath Floppydisk Adapter	114
Using CAMEDIA Master	115
Processing images using CAMEDIA Master.....	117
6 MISCELLANEOUS 123	
Questions and answers	124
Troubleshooting	126
System chart.....	130
Error codes	131
Optional items.....	132
Notes on display and backlight.....	132
Compatibility of the picture data	133
Specifications	134

MAIN FEATURES

- The 1,310,000-pixel CCD delivers the highest picture quality in its class.
- The Olympus high-resolution 3X optical zoom lens plus the Digital Tele mode* make possible photographs equivalent to 6X zoom.
- Olympus high-recording mode lens equals those found on single lens reflex cameras.
- A removable SmartMedia (SSFDC) memory card (with Panorama function) is provided.
- With the provided Video output connector, pictures can be viewed on a TV. (P. 90)
- In addition to an optical viewfinder, a 1.8" (4.5 cm) LCD monitor is provided for more flexibility when composing shots and viewing images (can be enlarged 3 times). (P. 87)
- You can make prints at a lab that supports the Digital Print Order Format system.

* Available only in the Standard Quality mode.



CAMEDIA

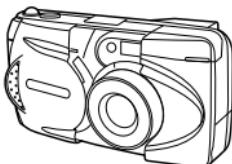
1

PREPARATION

OLYMPUS DIGITAL CAMERA

CHECKING THE CONTENTS

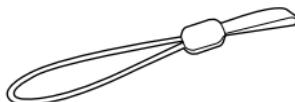
Camera



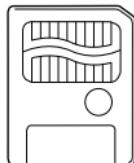
Instructions/Warranty card



Strap



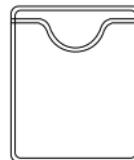
SmartMedia (SSFDC-8MB)



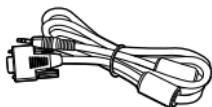
Video cable



Static-free case



RS-232C PC serial cable



Instructions



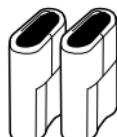
Conversion connector for Apple Macintosh computer



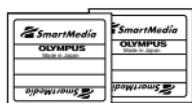
Write-protect adhesive seals (4 pieces)



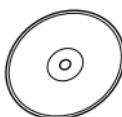
CR-V3 lithium battery pack (2 pieces)



Index labels (2 pieces)

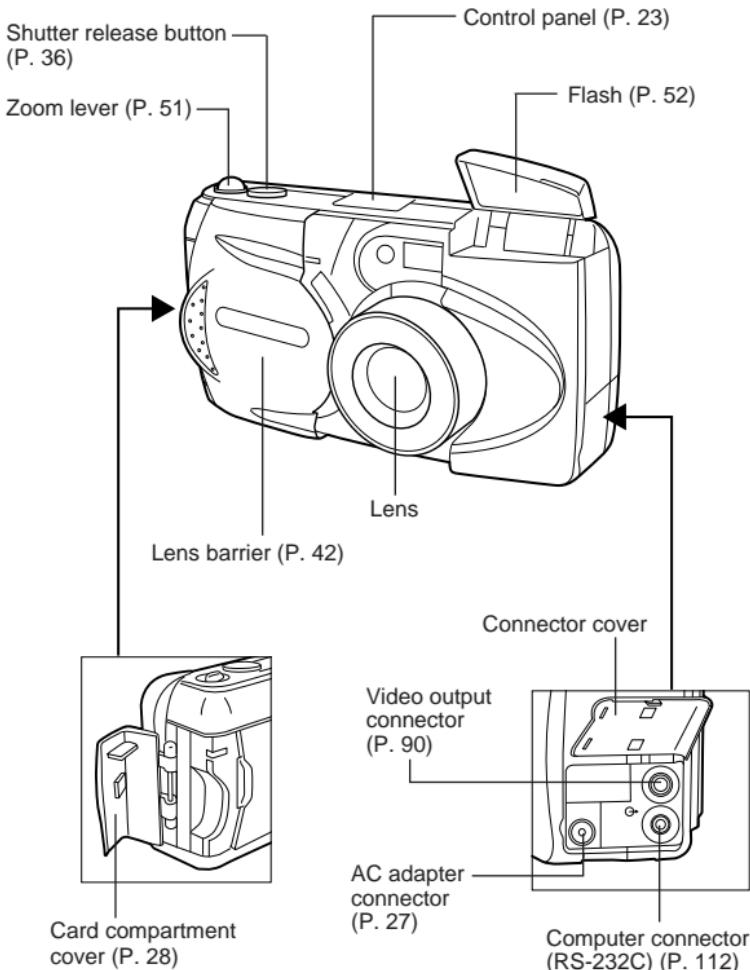


Software CD (containing software)

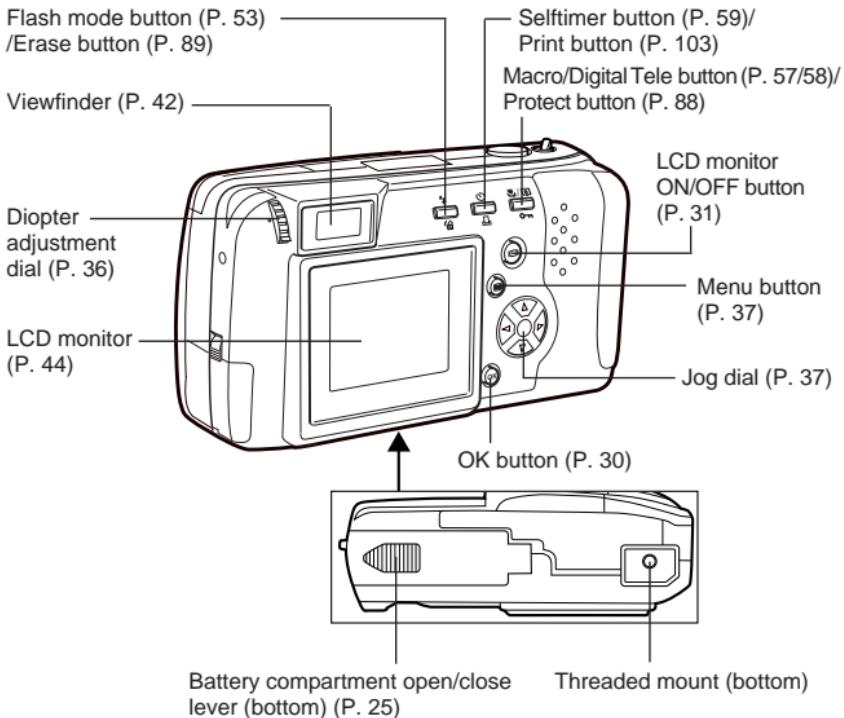


NAMES OF PARTS

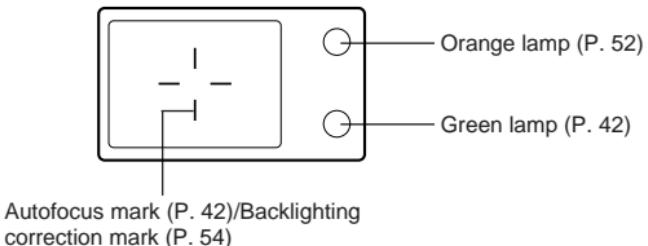
CAMERA



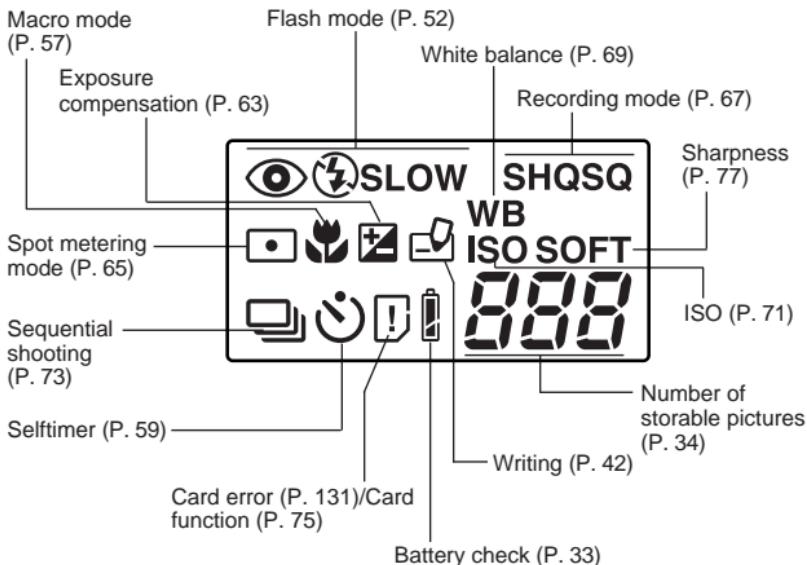
NAMES OF PARTS (cont.)



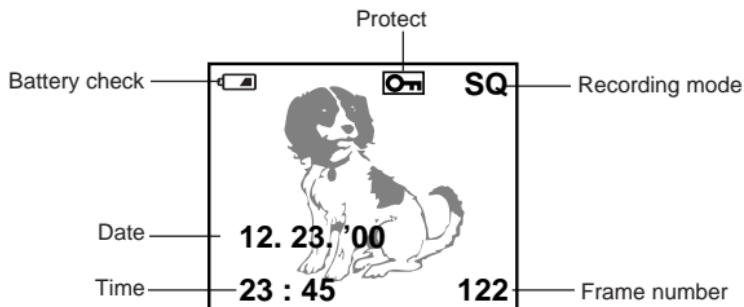
VIEWFINDER DISPLAY



CONTROL PANEL

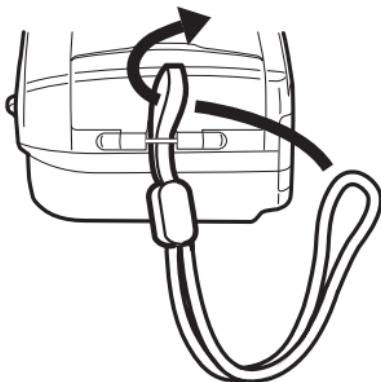


LCD MONITOR



ATTACHING THE STRAP

Attach the strap to the strap hole on the camera.



Caution:

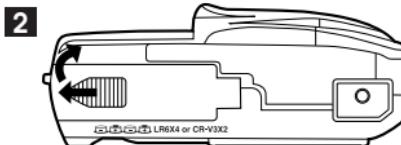
- Attach the strap correctly as shown so that the camera does not fall off. If the strap is attached incorrectly and the camera comes loose and falls off, Olympus is not responsible for any damage.

LOADING THE BATTERIES

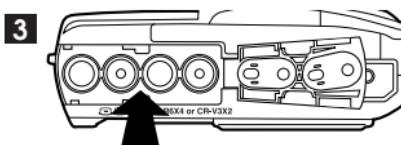
This camera uses four AA NiMH, alkaline, lithium or NiCd batteries, or two CR-V3 lithium battery packs.

Performance will be limited with alkaline batteries, especially in low temperatures. NiMH batteries or CR-V3 lithium battery packs are recommended.

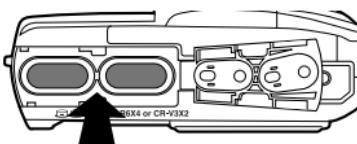
Do not use manganese batteries; they may overheat and destroy the camera.



1 Make sure that the camera power is off.



2 Slide open the battery compartment cover.



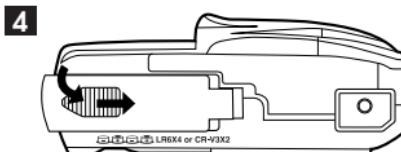
3 Insert the new batteries correctly as shown and close the battery compartment cover tightly.

- When using Olympus CR-V3 batteries, insert each with its CAMEDIA label facing the front of the camera.



4 Slide the cover closed, pressing . Do not push the edge of the cover.

- If the cover is hard to close, do not force it. Press the cover in the direction of **OPEN** to close it.



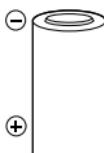
LOADING THE BATTERIES (cont.)

Note:

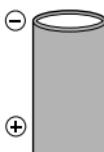
- Make sure that the power is off before loading the batteries.
- Do not touch the inside of the battery compartment.
- If the camera is left without batteries for approx. one hour, all the settings will reset to the default.
- Read "BATTERY HANDLING" on page 8/13.



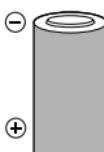
These batteries cannot be used.



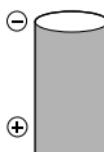
Batteries whose body is not covered by the insulating sheet at all.



Batteries whose \ominus terminal is flat and a part of the terminal is covered by the insulating sheet.



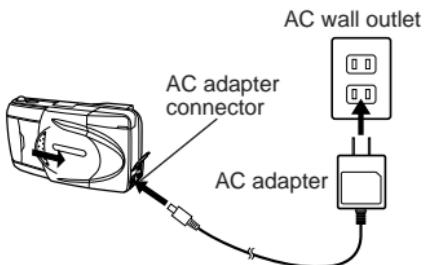
Batteries whose \ominus terminal is raised but not covered by the insulating sheet.



Batteries whose \ominus terminal is flat and not covered by the insulating sheet.

USING THE AC ADAPTER (Optional)

An optional Olympus AC adapter allows you to power your digital camera from a common AC wall outlet.



Note:

- An Olympus 3V adapter cannot be used.
- When in use for long periods, the AC adapter may get warm. This is normal.



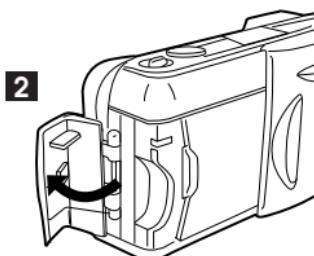
Warning:

Incorrect use may cause a fire or electric shock.

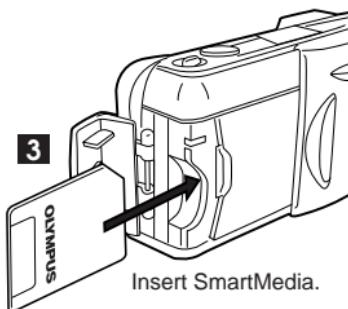
- Be sure to use an Olympus AC adapter. Olympus is not responsible for any damage caused by the use of other kinds of AC adapters.
- Use an AC 120V power source.
- NEVER connect or disconnect the AC adapter with wet hands.
- If the cord of the AC adapter is hot, smells like smoke or is emitting smoke, unplug it immediately and contact your nearest authorized Olympus service center.
- Make sure that the camera power is off before connecting or disconnecting the AC adapter.
- Make sure the AC adapter is properly plugged into the outlet.
- When disconnecting, hold the body, not the cord, of the AC adapter. Never pull, bend, twist or modify the cord.
- If there is any damage on the cord or if there is a contact failure, stop using it and contact your nearest authorized Olympus service center.
- Keep the AC adapter disconnected when the camera is not in use.

INSERTING SmartMedia

Insert the SmartMedia card in the direction shown.



1 Make sure that the camera power is off.



2 Open the Card compartment cover.

3 Insert the SmartMedia card correctly as shown.

4 Close the cover tightly.

Note:

- Use 3V (3.3V) cards only. 5V cards cannot be used.
- Olympus brand cards are recommended (already formatted). Non-Olympus brand cards must be formatted by the camera.
- When using a special function SmartMedia card (optional), insert it in the same way.

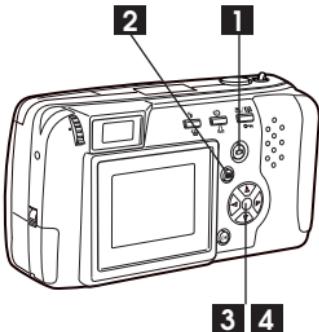


Caution:

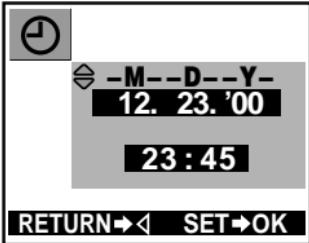
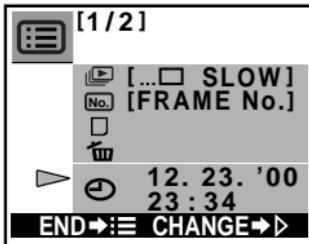
- NEVER open the card cover, eject the card, remove the batteries, or pull the plug while the camera is in operation. It may destroy the data in the card.
- The card is a precision instrument. Handle it carefully and do not subject it to physical shocks.
- Do not touch the contact area of the card.

ADJUSTING THE DATE AND TIME

You can adjust the date and time.



LCD monitor



1 Close the lens barrier and press the LCD monitor ON/OFF button to turn on the LCD monitor.

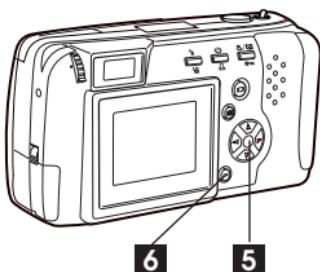
2 Press the Menu button to display the Menu.

- See page 37 for how to use the Menu.

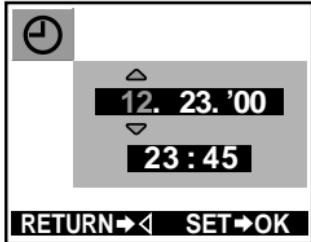
3 Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.

4 Select the date order using the top/bottom arrows on the Jog dial. Press the right arrow on the Jog dial to adjust the first setting (month/day/year).

ADJUSTING THE DATE AND TIME (cont.)



LCD monitor



5 Press the top/bottom arrows on the Jog dial to adjust the first setting, then press the right arrow on the Jog dial to adjust the second setting. Repeat until the minute is adjusted.

- '00 will appear for the year 2000.

6 Press the OK button to save the setting. Press again to cancel the Menu.

- For accurate setting, press the OK button when the clock hits 00 seconds.
- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.



Caution:

- The adjusted date will be canceled when the camera is left without batteries for approx. one hour (based on our tests). In such a case, adjust the date again.

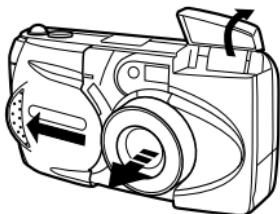
Note:

- We recommend that you check the date and time before taking important pictures.
- The setting will remain until it is readjusted.
- The clock will continue to operate correctly after the year 2000.

LEARNING THE BASICS

TURNING ON THE POWER

1



Control panel



1

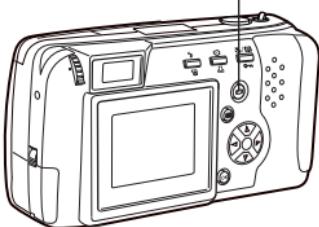
To turn on the camera in the Record mode (p. 41 ~ 82), slide open the lens barrier on the camera.

- The remaining battery power, number of storable pictures and selected recording mode will be displayed on the control panel.

2

To turn on the camera in the Display mode (p. 83 ~ 99), press the LCD monitor ON/OFF button with the lens barrier closed.

2



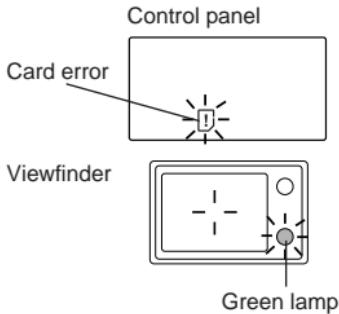
Note:

- NEVER open the card cover, eject the card, remove the batteries, or pull the plug while the camera is in operation. It may destroy the data in the card.
- If you do not operate the camera for three minutes, the camera will be set to the stand-by mode. After four hours in the stand-by mode, the power turns off automatically. (Time varies depending on the type of batteries used.)

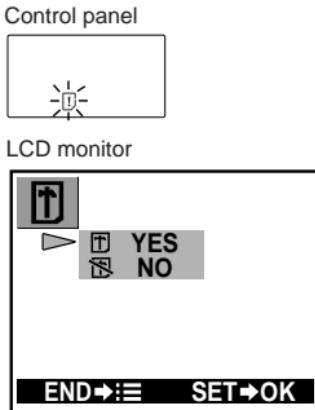
LEARNING THE BASICS (cont.)

CHECKING THE CARD

When the power is turned on in the Record mode, the camera checks the SmartMedia card.



When there is no SmartMedia card in the camera / the card is protected:
The Card error indicator on the control panel and the Green lamp blink.



When the card needs to be formatted:
The Card error indicator on the control panel lights, and the camera enters the Card format mode. (p. 96)

CHECKING THE BATTERIES

When the power is turned on in the Record mode, the remaining battery power will be displayed on the control panel.



lights and turns off automatically.

Batteries are OK. You can shoot.



blinks and other indicators on the control panel are displayed normally.

Battery power is low and batteries should be replaced.



blinks and other indicators on the control panel go out.

Batteries are dead and should be replaced immediately.

Note:

- When taking pictures on a special occasion, on a trip, or in cold temperatures, keep spare batteries handy.
- When the camera is being operated on batteries that are running low, the camera may emit several short beeps and blink the number of storables pictures on the control panel after you take a shot or when you turn on the power. If this happens, the picture you have just taken will not turn out properly. Replace the batteries and take the picture again.
- When NiMH batteries are used, the indicator starts blinking earlier than when CR-V3 batteries are used.

LEARNING THE BASICS (cont.)

CHECKING THE NUMBER OF STORABLE PICTURES

When the power is turned on in the Record mode, the number of storable pictures will appear on the control panel.



- The Green lamp blinks and CARD FULL appears on the LCD monitor when the number reaches 0. (p. 131)
- The number of storables pictures varies depending on the selected recording mode. See page 67 for selecting the recording mode.

Approx. Number of Storable Pictures

Recording mode	SQ		HQ	SHQ	
Number of pixels	640x480			1280x960	
	Normal	High quality	HQ	SHQ	SHQ-TIFF
2MB	30	8	9	4	0
4MB	60	16	18	9	1
8MB	122	32	36	18	2
16MB	244	65	73	36	4
32MB	489	130	146	73	8
64MB	978	260	292	148	16

Note:

- Because the amount of data used varies depending on the subject, more/fewer pictures than the number shown may be photographed.
- The number of storables pictures may not be reduced every time a picture is taken, or increased when a picture is erased.

HOLDING THE CAMERA

Hold the camera firmly with both hands while keeping your elbows at your sides to prevent the camera from moving. When holding the camera vertically, hold the camera with its flash positioned at the top.

Proper



Proper



Improper

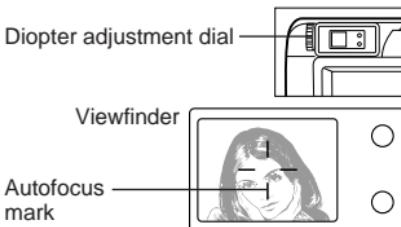


Note:

- Do not subject the lens to physical shocks.
- Keep your fingers and the strap away from the lens and flash.

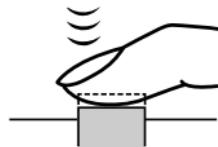
LEARNING THE BASICS (cont.)

ADJUSTING THE DIOPTER



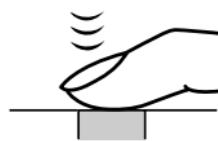
- Turn the Diopter adjustment dial to see the Autofocus mark clearly.

PROPER SHUTTER RELEASE



Press the Shutter release button halfway to lock the focus and exposure.

- The Green lamp next to the viewfinder lights.
- If the Green lamp blinks, the focus or exposure is not locked. Check the working distance. (p. 50)



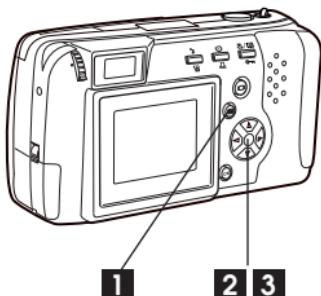
Press the Shutter release button fully to release the shutter and take the picture.

- The camera emits a beep sound when the shutter is released.
- The Green lamp blinks while the picture is being recorded.

Note:

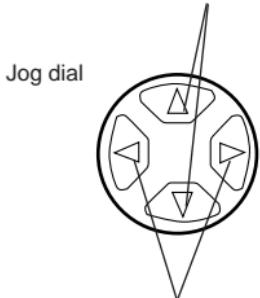
- Press the Shutter release button gently using the ball of your finger.
- Avoid moving the camera when pressing the Shutter release button to prevent blurry pictures.

HOW TO USE THE MENU



1 Press the Menu button to display the Menu.

To move the cursor vertically.

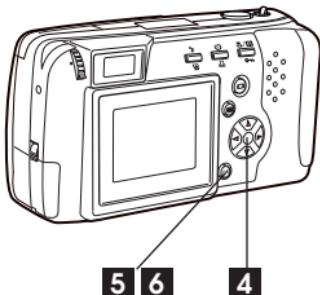


2 Press the top/bottom arrows on the Jog dial to select the item to adjust.

To move the cursor horizontally.

3 Press the right arrow on the Jog dial to display further selections.

LEARNING THE BASICS (cont.)

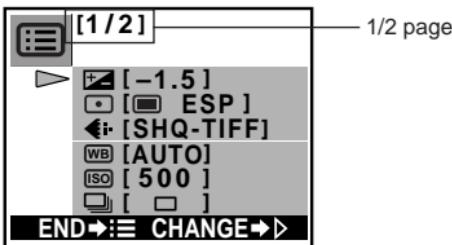


4 Press the top/bottom arrows to adjust the item.

5 When finished, press the OK button to confirm the adjustment.

6 Press the OK button to save the adjustment and cancel the Menu.

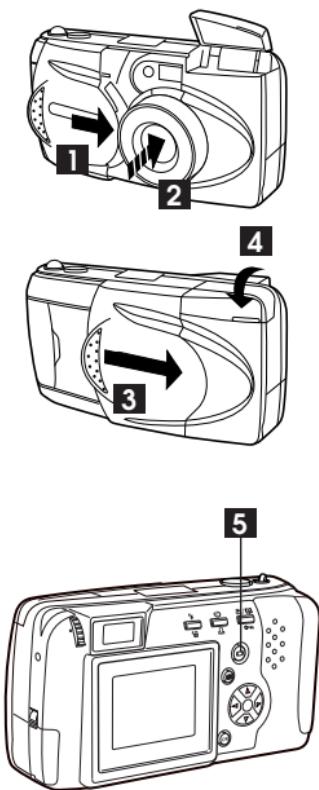
LCD monitor



Note:

- In the Record mode, you can take pictures without pressing the OK button. The adjustment will be valid until the Menu is canceled.
- Press the Menu button without pressing the OK button to cancel the adjustment and the Menu.
- The setting will remain if HOLD is selected in Setting Reset. (p. 82)

TURNING OFF THE POWER



1 Close the lens barrier halfway.

2 Wait until the lens is recessed.

- Do not push the lens barrier against the lens.

3 Close the lens barrier all the way.

- The power goes off.

4 Close the flash.

5 In the Display mode, press the LCD monitor ON/OFF button to turn it off.

Note:

- The recorded images will remain in the card even after the power is turned off or the batteries are replaced.

CAMEDIA

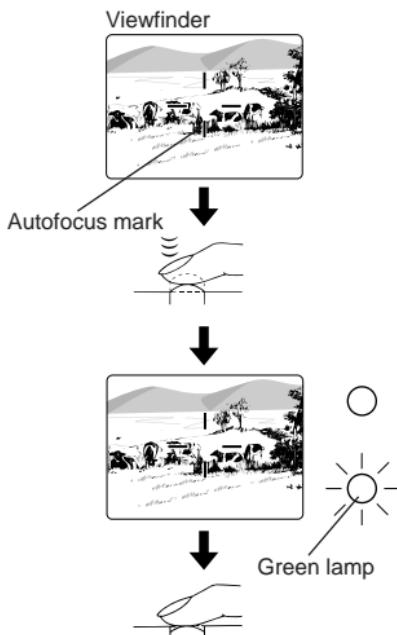
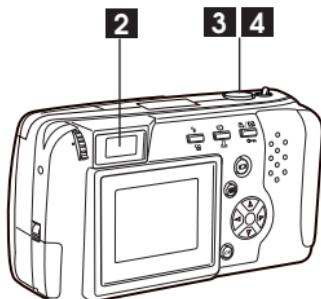
2

TAKING PICTURES

OLYMPUS DIGITAL CAMERA

TAKING PICTURES

TAKING PICTURES USING THE OPTICAL VIEWFINDER



1 Slide open the lens barrier.

2 Compose the picture by placing the subject within the autofocus marks in the viewfinder or using the focus lock. (p. 47)

3 Press the Shutter release button halfway to lock the focus and exposure.

- The Green lamp next to the viewfinder lights.

4 Press the Shutter release button fully to take the picture.

5 When the Green lamp stops blinking (after about 2 ~ 40 seconds), the camera is ready to take the next picture.

- The Shutter will not release while the Writing indicator on the control panel is blinking.



Caution:

- NEVER open the card cover, eject the card, remove the batteries, or pull the plug while the camera is in operation. It may destroy the data in the card.

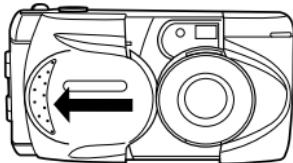
Note:

- Printed images will be slightly larger compared with what you see in the viewfinder or on the LCD monitor.

TAKING PICTURES (cont.)

TAKING PICTURES USING THE LCD MONITOR

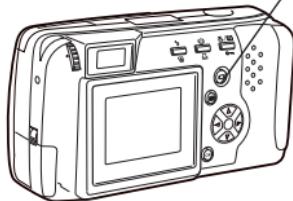
1



1 Open the lens barrier. Press the LCD monitor ON/OFF button to turn on the LCD monitor.

- Press the button again to turn off the monitor.

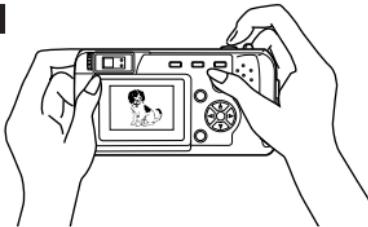
1



2 Aim the camera by looking at the subject through the LCD monitor.

- Take the picture in the same way as you would when using the optical viewfinder. (p. 42)

2



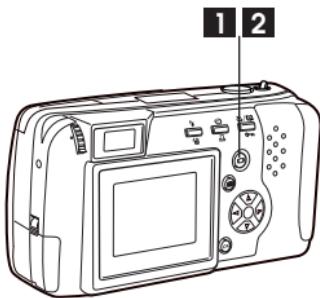
Note:

- Do not push the LCD monitor forcibly.
- Pictures that appear on the LCD monitor are for composition purposes only.
- It is recommended to use the optical viewfinder for less camera movement and battery consumption.
- It will take longer to record when the LCD monitor is used.
- When the subject is viewed diagonally in the camera, the edges may appear zigzagged on the LCD monitor. This is not a malfunction; it will be less noticeable in Display mode.
- A strip of light may appear on the top/bottom of the LCD monitor, but this is not a malfunction.
- When a picture is taken in a lighted area, such as in sunlight, vertical lines may appear on the LCD monitor. This is not a malfunction.
- Printed images will be slightly larger compared with what you see in the viewfinder or on the LCD monitor.

TAKING PICTURES (cont.)

QUICK VIEW

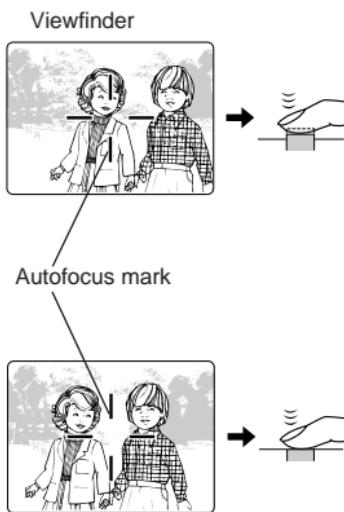
You can immediately shift from the Record mode to the Display mode, and check the picture you have just taken.



-
- 1** When the lens barrier is open, quickly press the LCD monitor ON/OFF button twice.
 - The LCD monitor will display the last picture taken. (p. 84)
- 2** To return to the Record mode, press the LCD monitor ON/OFF button or press the Shutter release button halfway.

FOCUS LOCK

If your main subject is not within the autofocus marks, follow the procedure below to obtain focus. This is called focus lock.



1 Position your subject within the autofocus marks, and press the Shutter release button halfway.

- The Green lamp next to the viewfinder lights.

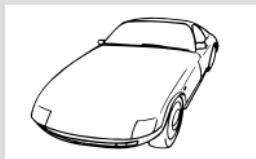
2 Recompose the picture while keeping the Shutter release button pressed halfway.

3 Press the Shutter release button fully to take the picture.

AUTOFOCUS

There are certain conditions where the autofocus may not work properly even when the Green lamp lights when the Shutter release button is pressed halfway. When this happens, try the procedure below or use Quick focus. (p. 60)

① Subjects with low contrast



Lock the focus on an object that is at the same distance from the camera as the subject, then aim at the subject to take the picture. (p. 47)

② Subjects with no vertical lines



Lock the focus on the subject by holding the camera vertically, then change it to the horizontal position to take the picture. (p. 47)

③ Subjects in excessively bright light



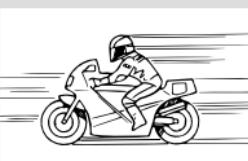
Lock the focus on an object that is at the same distance from the camera as the subject, then aim at the subject to take the picture. (p. 47)

④ Subjects at different distances



Lock the focus on an object that is at the same distance from the camera as the subject, then aim at the subject to take the picture. (p. 47)

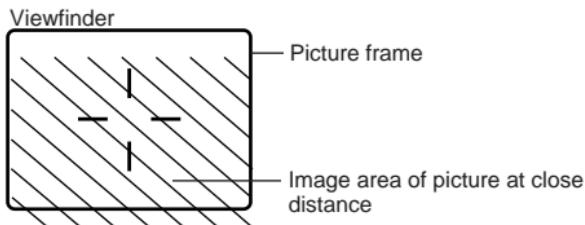
⑤ Fast-moving subjects at close distances



Lock the focus on an object that is at the same distance from the camera as the subject, then aim at the subject to take the picture. (p. 47)

WORKING RANGE

The viewfinder's picture frame shows the area that can be shot for subjects at ∞ . However, the picture area will move lower in the viewfinder as you get closer to the subject, especially with Telephoto shooting.



Take pictures at a distance between 8" ~ ∞ .

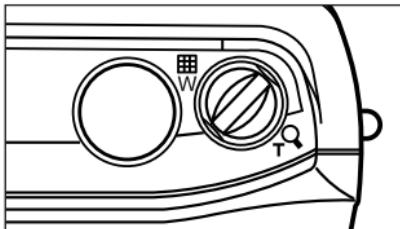
- Subjects closer than 8" may turn out to be out of focus and incorrectly exposed.
- Using the LCD monitor as a viewfinder makes it easy to take close-up pictures.
- Power consumption increases when the LCD monitor is used.

Working range

Macro mode (p.57)	8" ~ 31"
Standard mode	31" ~ ∞

ZOOM

You can select Telephoto or Wide-angle with the 3X zoom lever.



Press the lever to T to choose Telephoto shooting.

Press the lever to W to choose Wide-angle shooting.



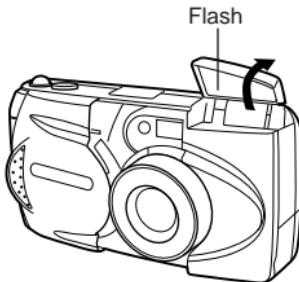
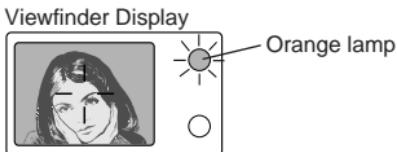
Note:

- When used with the 2X Digital Tele mode, you can take an approximately 6X zoom photograph. (p. 58)

USING THE FLASH

USING THE FLASH MODES

If the flash is closed when use of the flash is necessary, the Orange lamp blinks.



1 Push up the flash before use or to select a flash mode.

2 Press the Shutter release button halfway when the Orange lamp goes off. When the Orange lamp stays lit, the flash is charged. Press the Shutter all the way to take the picture.

Flash working range:

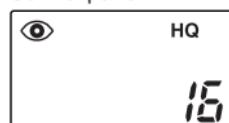
Wide-angle	Telephoto
Approx. 8" ~ 13 ft	Approx. 8" ~ 8.5 ft

HOW TO SELECT THE FLASH MODE

Select the flash mode according to the shooting conditions.



Control panel



You can select the following flash modes with each press of the Flash mode button. When the Flash is down,  appears on the control panel and the flash is set to the OFF mode. (p. 56)

Flash mode	Use
→ Auto-Flash (p. 54) 	Automatically fires in low-light and backlight conditions.
Red-Eye Reducing Flash (p. 54)  	Significantly reduces the phenomenon of "red-eye" (subject's eyes appearing red).
Fill-In Flash (p. 55) 	Fires regardless of available light.
Slow Shutter Synchronization Flash (p. 55)   SLOW	For taking photographs of night views.
Red-Eye Reducing Flash + Slow Shutter Synchronization Flash (p. 56)   SLOW	For taking photographs of people at night.

Note:

- The flash is being charged while the Orange lamp is blinking. Wait until the Orange lamp goes off to take the picture.
- When using the flash in the Macro mode, the flash may not have the proper effect. Confirm the result using the LCD monitor.
- The flash cannot be used in the Sequence mode or in the Panorama mode. (p. 73/75)
- The setting will remain if HOLD is selected in Setting Reset. (p. 82)

USING THE FLASH (cont.)

AUTO-FLASH

In the Auto-Flash mode, the flash will fire automatically in low-light and backlight conditions.

Viewfinder



Backlighting correction mark

When you take a picture that is backlit, position the subject within the backlighting correction marks to fire the flash.

RED-EYE REDUCING FLASH



This mode significantly reduces the phenomenon of “red-eye”.



Control panel



Note:

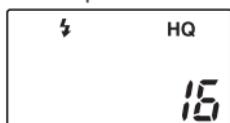
- The camera emits pre-flashes before the regular flash.
- It takes about a second before the Shutter is released.
- Performance may be limited when the subject is not looking at the pre-flashes from right in front of the camera, or due to medication/alcohol intake or individual characteristics.

FILL-IN FLASH (FORCED ACTIVATION)

In the Fill-In Flash mode, the flash fires regardless of available light. For example, this mode can be used to brighten up the subject's shaded face. Another use of this mode is to correct the color shift produced by artificial lights (eg. fluorescent light).



Control panel



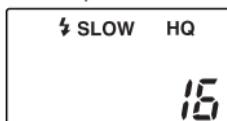
Note:

- Use this mode within the flash working range. (p. 52)
- It may not have the desired effect under excessively bright light.

SLOW SHUTTER SYNCHRONIZATION FLASH **SLOW**

The flash will fire automatically during the first half of a slow shutter speed's release duration. It is especially great for taking photographs of night views.

Control panel



Note:

- Since the shutter speed is slow, the use of a tripod is recommended to prevent blurred pictures. Moving subjects will appear blurry when photographed.

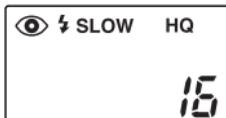
USING THE FLASH (cont.)

RED-EYE REDUCING FLASH + SLOW SHUTTER SYNCHRONIZATION FLASH



The flash will fire automatically during the first half of a slow shutter speed's release duration. It is especially great for taking photographs of people at night.

Control panel



Note:

- Since the shutter speed is slow, the use of a tripod is recommended to prevent blurred pictures. Moving subjects will appear blurry when photographed.

OFF (FLASH OVERRIDE)



In the Off mode, the flash does not fire even in low-light conditions. Use this mode in situations where flash photography is not desired or is prohibited, or in twilight/night scenes.



Control panel

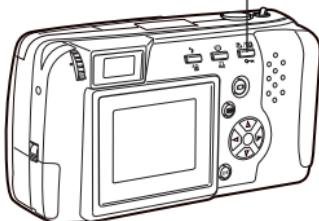


Note:

- Since a slow shutter speed is automatically selected in low-light situations when in the Off mode, the use of a tripod is recommended to prevent blurred pictures caused by camera movement.

MACRO MODE

You can get as close as 8" to your subject. An approx. 2.4" x 3" subject can be photographed fully within the frame.



LCD monitor



Control panel



1 Open the lens barrier.

2 Press the Macro/Digital Tele button to turn on the LCD monitor in the Macro mode.

- appears on the control panel.

3 Take a picture.

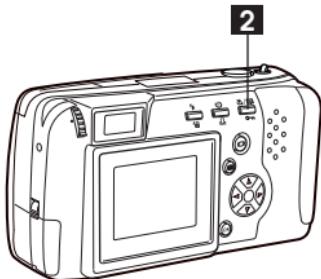
Shooting Range: Approx. 8" ~ 31"

Note:

- When using the flash in the Macro mode, the flash may not have the proper effect. Confirm the result using the LCD monitor. Do not use the flash when the subject is closer than 8".
- Using the LCD monitor as a viewfinder makes it easy to take close-up pictures.
- The Macro mode will be canceled when the power is turned off.

DIGITAL TELE MODE

In the Digital Tele mode, the subject can be photographed (cropped to appear) twice as large. When used with the 3X optical zoom, you can take an approximately 6X zoom photograph. (p. 51)



LCD monitor



.....
1 Open the lens barrier.

2 Press the Macro/Digital Tele button twice to turn on the LCD monitor in the Digital Tele mode.

- Press the bottom arrow on the Jog dial for 2X magnification.
- Press the top arrow on the Jog dial to return to 1X.

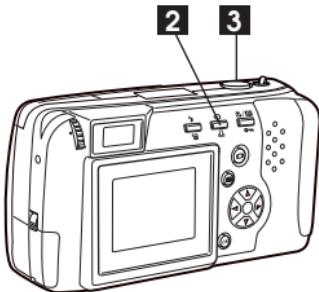
3 Take a picture.

Note:

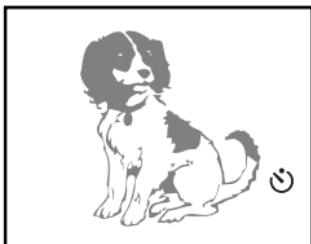
- This mode can only be used in the SQ mode (automatically set).
- The Digital Tele mode will be canceled when the LCD monitor is turned off.

SELF TIMER

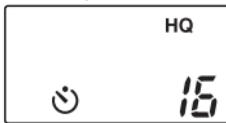
Use a tripod to hold the camera securely.



LCD monitor



Control panel



1 Open the lens barrier.

2 Press the Selftimer button.

- The self-timer icon appears on the control panel.
- When the LCD monitor is on, the icon will appear on the LCD monitor as well.

3 Aim at your subject, and press the Shutter release button.

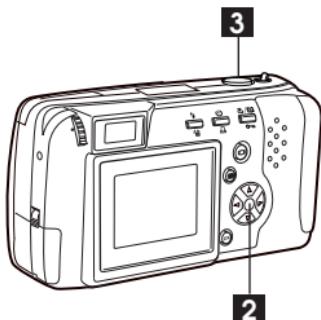
- The shutter will be released about 12 seconds after the Shutter release button is pressed. (The Selftimer signal lights for 10 sec. and blinks for 2 sec.)

Note:

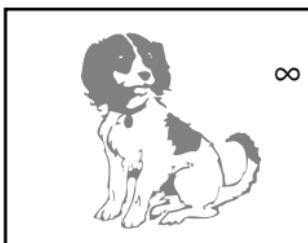
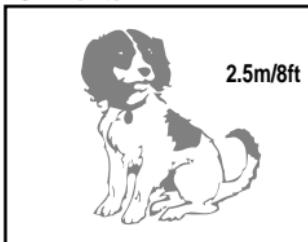
- The Selftimer is disengaged when the shutter is released.
- To cancel the Selftimer after it has been activated, press the Selftimer button again.

QUICK FOCUS

With Quick Focus, you can select a pre-adjusted focal length of ∞ (infinity) or 8ft. It is especially useful when quick shooting is required.



LCD monitor



1 Open the lens barrier.

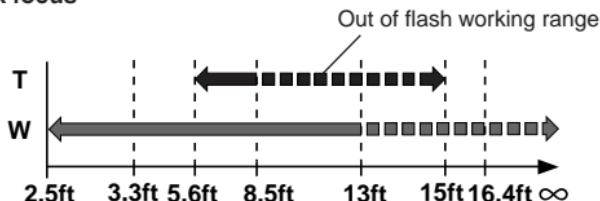
2 Press the Shutter release button halfway while pressing the top or bottom arrow on the Jog dial depending on the distance to the subject.
Press the top arrow to set it to infinity. Press the bottom arrow to set it to 8ft.

- When the LCD monitor is on, the setting will appear on the LCD monitor.

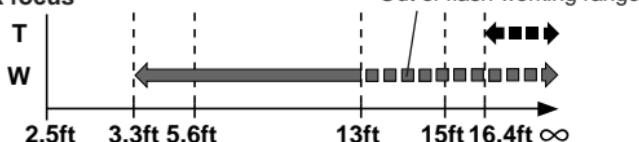
3 Press the Shutter release button all the way.

Quick focus working range

8ft Quick focus



∞ Quick focus



Note:

- Quick Focus is not engaged if you remove your finger from the Jog dial before pressing the Shutter release button halfway.
- Quick focus will be canceled after a picture is taken.

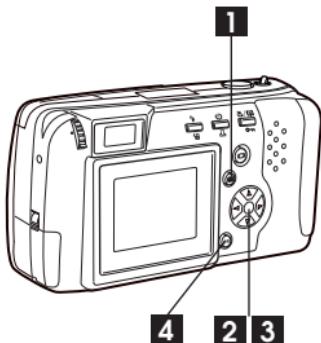
RECORD MENU

You can select the following modes by pressing the Menu button then the top/bottom arrows on the Jog dial in the Record mode (lens barrier open). (p. 37)

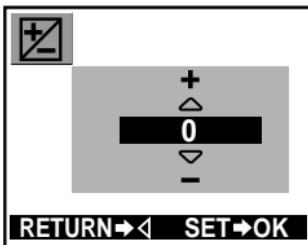
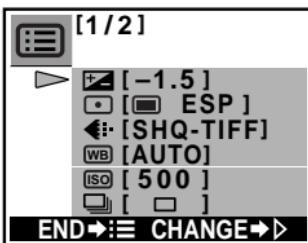
Mode	Use
→ Exposure compensation ↓ 	For setting +/-2 compensation. (p. 63)
Spot metering mode ↓ 	For obtaining the right exposure. (p. 65)
Recording mode selection ↓ 	For selecting the recording mode. (p. 67)
White balance ↓ 	For presetting the white balance. (p. 69)
ISO ↓ 	For setting the sensitivity. (p. 71)
Drive ↓ 	For using the Sequence mode. (p. 73)
Card function ↓ 	For taking panorama pictures. (p. 75)
Sharpness ↓ 	For selecting the image sharpness. (p. 77)
File number ↓ 	For selecting the file numbering system. (p. 78)
Beep sound ↓ 	For setting on/off. (p. 81)
Setting reset ↓ 	For keeping changed settings even after the power is turned off. (p. 82)

EXPOSURE COMPENSATION

In addition to automatic exposure, you can also adjust it manually by $+-2$ (approx. 0.5 steps). Adjust + when the subject is mostly white. Adjust - when the subject is mostly black.



LCD monitor



1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select \pm , and press the right arrow.

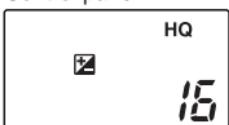
3 Make an adjustment using the top/bottom arrows on the Jog dial.

4 Press the OK button to save the setting. Press again to cancel the Menu.

- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.
- \pm appears on the control panel.

EXPOSURE COMPENSATION (cont.)

Control panel



-2.0



±0



+2.0

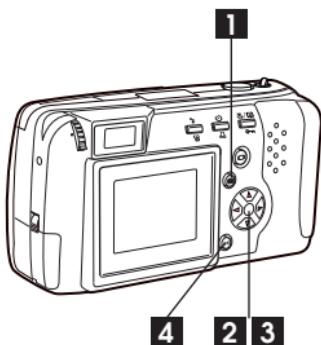


Note:

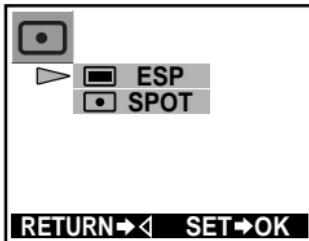
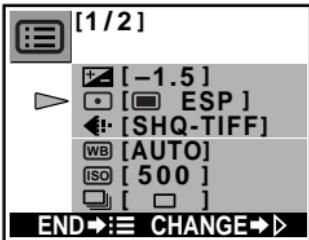
- The setting will remain if HOLD is selected in Setting Reset, but will be canceled when the batteries are taken out. (p. 82)
- Although the brightness of the LCD monitor can be changed with the exposure compensation, it may not appear to change when the subject is mostly dark. In such a case, display the recorded picture on the LCD monitor to check its brightness.
- The exposure compensation may not work properly when shooting with the flash.

SPOT METERING MODE

The Spot metering mode is used to obtain the right exposure regardless of the backlight. Place the subject in the center of the autofocus marks.



LCD monitor



1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select  , and press the right arrow.

3 Select SPOT using the top/bottom arrows on the Jog dial.

SPOT METERING MODE (cont.)

Control panel



4 Press the OK button to save the setting. Press again to cancel the Menu.

- appears on the control panel.
- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

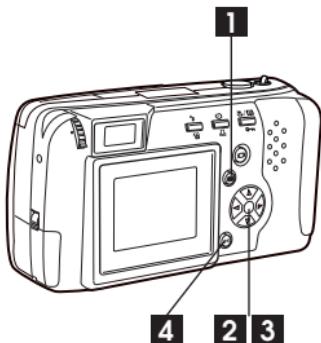
5 Take a picture.

Note:

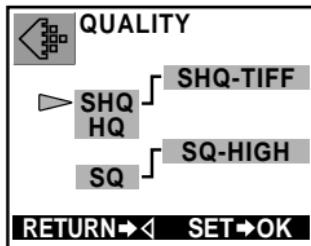
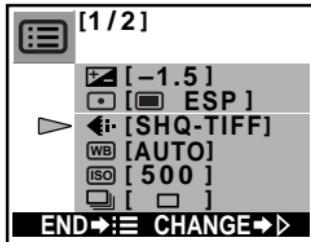
- The setting will remain if HOLD is selected in Setting Reset, but will be canceled when the batteries are taken out. (p. 82)

SELECTING THE RECORDING MODE

There are 5 recording modes.



LCD monitor



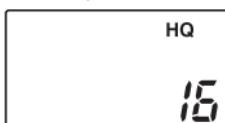
1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select , and press the right arrow.

3 Select the recording mode using the top/bottom arrows on the Jog dial.

SELECTING THE RECORDING MODE (cont.)

Control panel



4 Press the OK button to save the setting. Press again to cancel the Menu.

- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.
- To select SHQ-TIFF or SQ-HIGH, press the top arrow on the Jog dial for a couple of seconds at SHQ or SQ, respectively.
- The selected recording mode appears on the control panel. (With SHQ-TIFF or SQ-HIGH, SHQ or SQ blinks.)

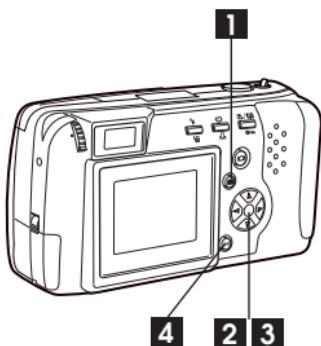
Mode	Resolution	Compression
SHQ	1280 x 960	Minimal (JPEG) No (TIFF – larger file size)
HQ	1280 x 960	Standard
SQ/SQ-HIGH	640 x 480	Standard/Low

Note:

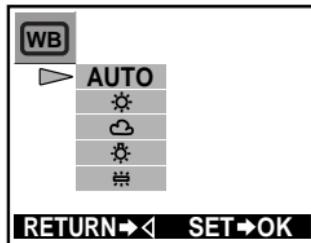
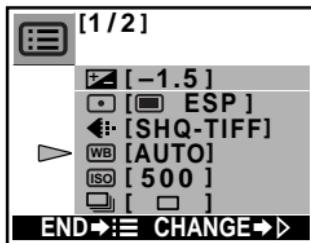
- The number of storable pictures varies according to the recording mode. TIFF requires more room in the card than other modes. (p. 34)
- While HQ and SHQ images have the same number of pixels, SHQ uses lower compression allowing for better image quality when enlarged. It may take a little longer to record or display images in the SHQ mode.
- The setting will remain even after the power is turned off until it is readjusted.

WHITE BALANCE

You can match the white balance to the light source by selecting Auto, ☀ (Daylight), ☁ (Overcast), ☀ (Tungsten light) or ☂ (Fluorescent light).



LCD monitor



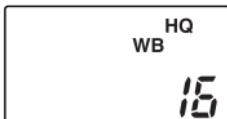
1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select **[WB]**, and press the right arrow.

3 Select the white balance using the top/bottom arrows on the Jog dial.

WHITE BALANCE (cont.)

Control panel



4 Press the OK button to save the setting. Press again to cancel the Menu.

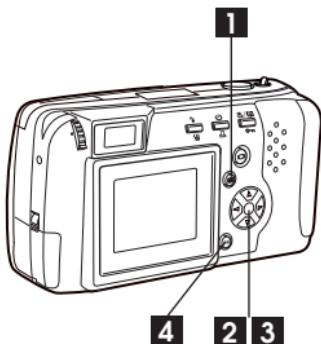
- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.
- WB appears on the control panel when a setting other than AUTO is selected.

Note:

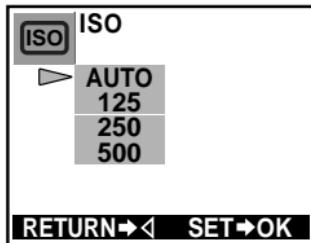
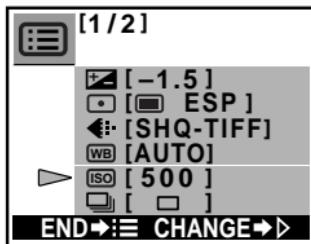
- Select AUTO in normal situations.
- The Preset white balance may not work under special lighting.
- The setting will remain if HOLD is selected in Setting Reset, but will be canceled when the batteries are taken out. (p. 82)
- Confirm results in the Display mode.

ISO

You can select the sensitivity. The higher the ISO, the faster the shutter speed that can be used and the lower the amount of light required.



LCD monitor



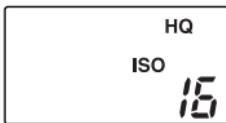
1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select **ISO**, and press the right arrow.

3 Select the sensitivity using the top/bottom arrows on the Jog dial.

ISO (cont.)

Control panel



4 Press the OK button to save the setting. Press again to cancel the Menu.

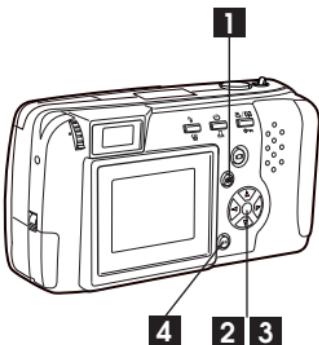
- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.
- ISO appears on the control panel when a setting other than auto is selected.

Note:

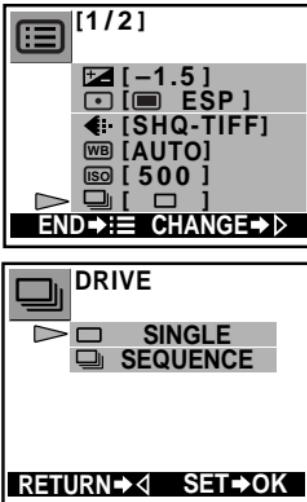
- The sensitivity scale is based on the one used for picture film, but the numbers are for reference only.
- When AUTO is selected, the ISO is automatically set high in low-light situations when the flash is not used, to prevent blurring from camera movement.
- Pictures will appear grainy when the ISO is high.
- The setting will remain if HOLD is selected in Setting Reset, but will be canceled when the batteries are taken out. (p. 82)

SEQUENCE MODE

In the Sequence mode, the camera takes pictures sequentially while the Shutter release button is pressed.



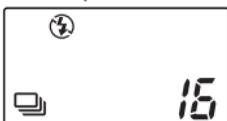
LCD monitor



- 1 Open the lens barrier and press the Menu button to display the screen shown.
- 2 Press the top/bottom arrows on the Jog dial to select  , and press the right arrow.
- 3 Select SEQUENCE using the top/bottom arrows on the Jog dial.

SEQUENCE MODE (cont.)

Control panel



4 Press the OK button to save the setting. Press again to cancel the Menu.

- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.
- appears on the control panel.

5 Take a picture.

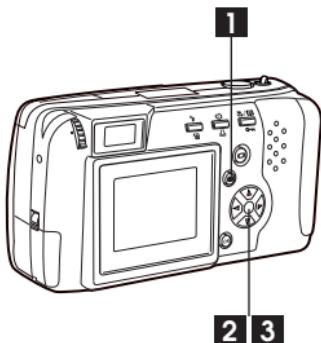
- The maximum number of pictures that can be taken is about 10.

Note:

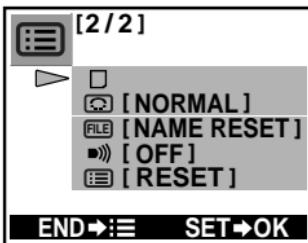
- The flash cannot be used in the Sequence mode.
- This mode can only be used in the SQ mode (automatically set).
- Since the shutter speed is set to 1/30 second or faster to prevent blurring due to camera movement, the resulting picture may be darker than expected.
- The Sequence mode will be canceled when the power is turned off.
- It will take approx. 10 seconds to record the pictures taken.

PANORAMA MODE

You can make panorama pictures.



LCD monitor



1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select , and press the right arrow.

3 Select the connecting direction (right, left, up, down) using the Jog dial.

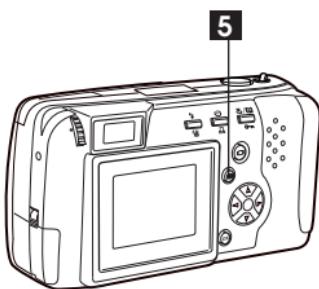
4 Take pictures by overlapping the edges of the images.

- A maximum of 10 images can be connected.



Overlap the left end of the picture with the right end of the previous picture (when shooting to the right).

PANORAMA MODE (cont.)



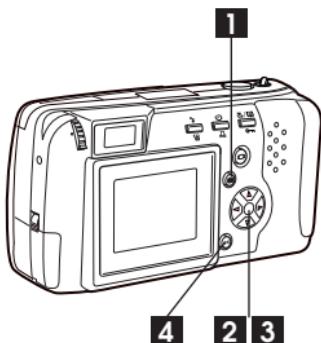
5 Press the Menu button again to cancel the Panorama mode.

Note:

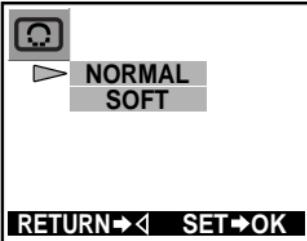
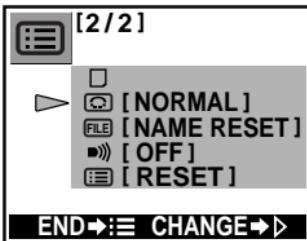
- The Panorama mode is available only when an Olympus brand Standard memory card is used.
- The flash cannot be used in the Panorama mode.
- Because the focus, the exposure, and the white balance are determined by the first picture, do not shoot overly bright/dark subjects such as the sun in the first frame.
- Use of the SQ mode is recommended to save memory.
- Panorama images must be assembled on a computer. Follow directions carefully for the supplied panorama application to successfully assemble panorama images.
- When a picture is taken in the TIFF (non-compression) recording mode, it will be recorded in the SHQ (JPEG) mode.

SHARPNESS

You can select the image sharpness.



LCD monitor



1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select  , and press the right arrow.

3 Select the sharpness using the top/bottom arrows on the Jog dial.

4 Press the OK button to save the setting. Press again to cancel the Menu.

- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

Note:

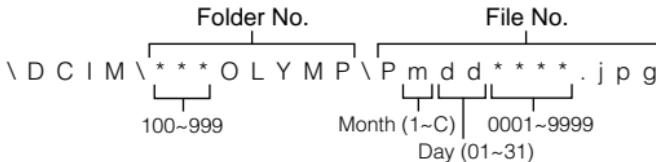
- The setting will remain if HOLD is selected in Setting Reset. (p. 82)

FILE NUMBER

You can select the file numbering system. It is especially useful when downloading data to a personal computer.

ABOUT THE FILE NO. AND FOLDER NO.

The file number and folder number used for each image are expressed as shown.



*Month: Jan. ~ Sep. = 1-9, Oct. = A, Nov. = B, Dec. = C

THE FILE NO. AND FOLDER NO. IN EACH MODE

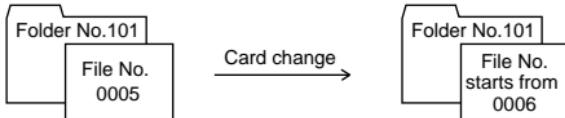
- NAME RESET

When NAME RESET is selected, the file number and folder number will be reset every time a card is inserted in the camera.



- AUTO FILE

When AUTO FILE is selected, the same folder number and a continuing number from the last file number of the last card will be used, so that the same file number will not be used for pictures taken together and saved in multiple cards.

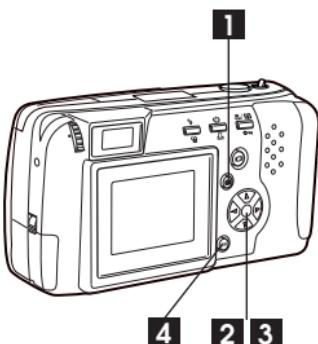


Note:

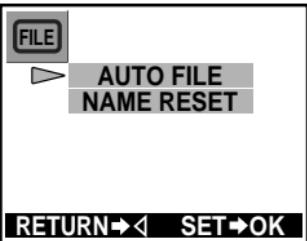
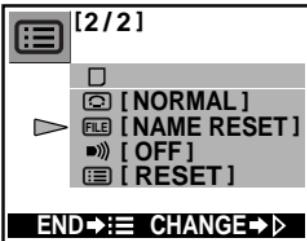
- For convenience, the folder numbers remain the same when transferred to a computer in both selections.

\ DCIM \ *** OLYMP \ Pmdd **** .jpg

Folder No.



LCD monitor



1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select **FILE**, and press the right arrow.

3 Select the file numbering system using the top/bottom arrows on the Jog dial.

4 Press the OK button to save the setting. Press again to cancel the Menu.

- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

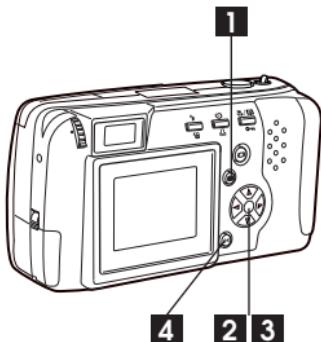
FILE NUMBER (cont.)

Note:

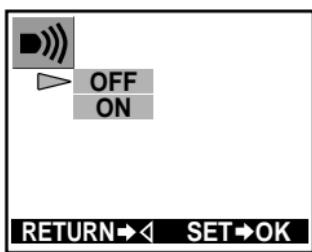
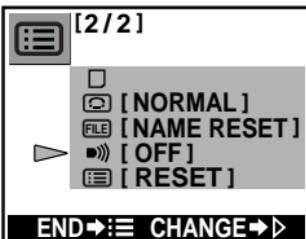
- When a card with a file number larger than the last file number is used, the file numbers will continue from the larger number.
- When the maximum file number (9999) is reached, the number of storable pictures becomes 0 even if the card is not full yet, and no more pictures can be taken.
- The setting will remain even after the power is turned off until it is readjusted.

BEEP SOUND

You can turn the operating beep sound on or off.



LCD monitor



1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select **[OFF]**, and press the right arrow.

3 Select ON or OFF using the top/bottom arrows on the Jog dial.

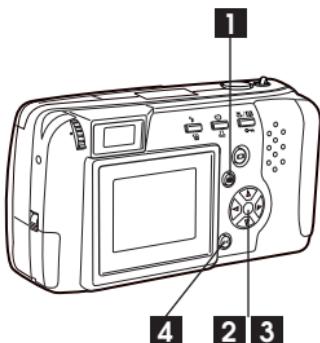
4 Press the OK button to save the setting. Press again to cancel the Menu.
• If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

Note:

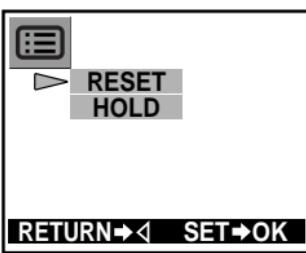
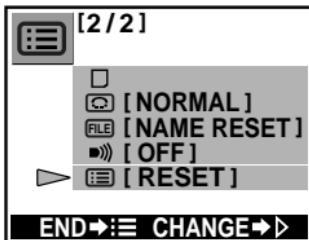
- The setting will remain even after the power is turned off until it is readjusted.

SETTING RESET

You can save your settings even after the power is turned off.



LCD monitor



1 Open the lens barrier and press the Menu button to display the screen shown.

2 Press the top/bottom arrows on the Jog dial to select  , and press the right arrow.

3 Select RESET or HOLD using the top/bottom arrows on the Jog dial.

4 Press the OK button to save the setting. Press again to cancel the Menu.

- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

With RESET selected, the settings of the following items will be canceled and reset to the default when the power is turned off.

Flash modes other than Red-Eye reducing flash (p. 53),
Exposure compensation (p. 63),
Spot metering mode (p. 65),
White balance (p. 69),
ISO (p. 71),
Sharpness (p. 77),
Setting reset (p. 82)

Note:

- Even when HOLD is selected, the settings for Exposure compensation (p. 63), Spot metering mode (p. 65), White balance (p. 69), ISO (p. 71) and Sharpness (p. 77) will be canceled and returned to the default when the batteries are taken out.

3

DISPLAYING PICTURES ON THE LCD MONITOR

DISPLAYING RECORDED PICTURES

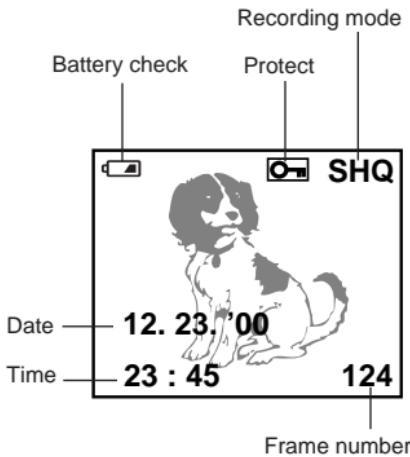
You can display the pictures you have taken on the LCD monitor.



1 Press the LCD monitor ON/OFF button with the lens barrier closed to set the camera to the Display mode.

- The LCD monitor turns on automatically.

Recording mode

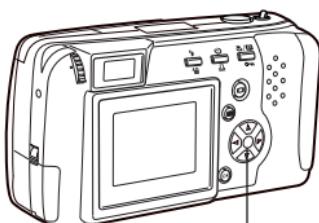


2 The camera will check the card.

- If there is a problem, blinks on the control panel.
- If Card format is necessary, the camera automatically enters the Card format mode. (p. 96)

3 The last picture taken, Frame number, Recording mode, and Battery check indicator will appear on the LCD monitor. The Date, Print and Protect indicator will also appear if they are set.

- When there are no pictures stored in the card, NO PICTURE will appear.
- If the battery power is low, the Battery check indicator will blink.



4

4 With each press of the right arrow on the Jog dial, you can view the succeeding picture. With each press of the left arrow, you can view the preceding picture.

[10-frame jump using the Jog dial]

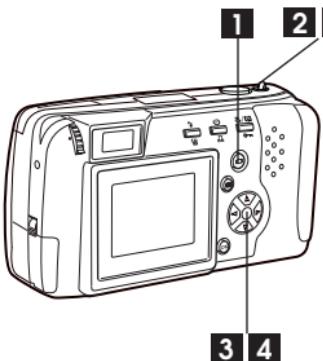
- With each press of the bottom arrow, you can view the picture 10 frames ahead.
- With each press of the top arrow, you can view the picture 10 frames behind.

Note:

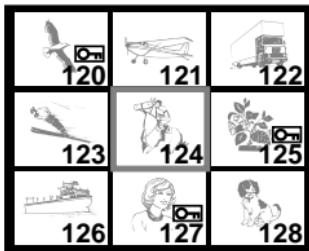
- Do not push the LCD monitor forcibly.
- When turned on, the LCD monitor flashes, and pictures appear in about 0.5 ~ 2 seconds. This is not a malfunction.

INDEX-DISPLAY MODE

This function works when the lens barrier is closed.



LCD monitor



1 Close the lens barrier and press the LCD monitor ON/OFF button to turn on the LCD monitor.

2 Press the Zoom lever toward W to display several pictures on the monitor.

- It may take a few seconds before the picture is displayed.

3 Press the right arrow on the Jog dial to select succeeding pictures. Press the left arrow on the Jog dial to select preceding pictures.

4 Press the bottom arrow on the Jog dial to select the succeeding group of pictures. Press the top arrow on the Jog dial to select the preceding group of pictures.

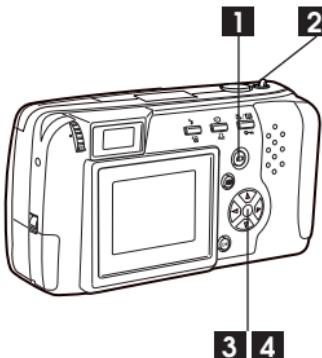
5 Press the Zoom lever toward T to display the currently selected picture in one frame.

Note:

- The number of frames can be selected from 4, 9 or 16. (p. 98)

CLOSE-UP DISPLAY MODE (3X INSPECTION)

Enlarged pictures can be displayed on the LCD monitor.



LCD monitor



1 Close the lens barrier, press the LCD monitor ON/OFF button and display the picture you want to enlarge.

2 With each press of the Zoom lever toward T, the picture is enlarged 1.5X, 2X, 2.5X, and 3X.

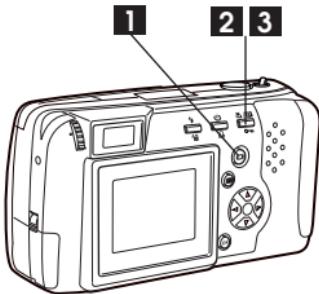
- Pressing the Zoom lever toward W returns to 1X.

3 Use the Jog dial to select the section of the picture to view.

4 To select another picture, select 1X and move the Jog dial.

PROTECTION

You can prevent accidental erasure of pictures you want to keep.



1 Close the lens barrier, press the LCD monitor ON/OFF button and display the picture you want to protect.

2 Press the Protect button.

-  appears on the LCD monitor.

3 To cancel protection, press the Protect button again while the picture is displayed.

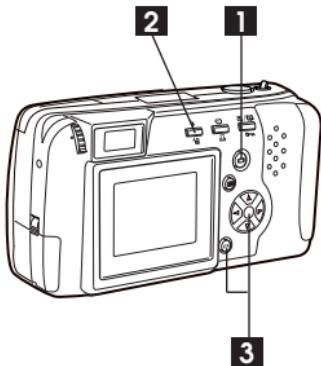
- Protection setting/canceling are also available in the Index-Display mode. (p. 86)

Note:

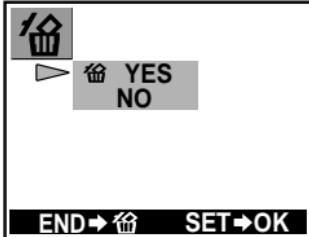
- The protected picture will not be deleted with All-Frame erase, but will be deleted with Card format.
- Protection is not available when the write-protect adhesive seal is placed on the card.
- The setting will remain even after the power is turned off until it is readjusted.

ONE-FRAME ERASE

You can delete pictures you do not need.



LCD monitor



1 Close the lens barrier, press the LCD monitor ON/OFF button and display the picture you want to erase.

2 Press the Erase button to display the screen shown.

3 Select YES using the Jog dial, then press the OK button.

- One-Frame erase is also available in the Index-Display mode. (p. 86)
- See page 94 for All-Frame erase.
- It may take a while to perform One-Frame erase when Card-Print has been set for the card.



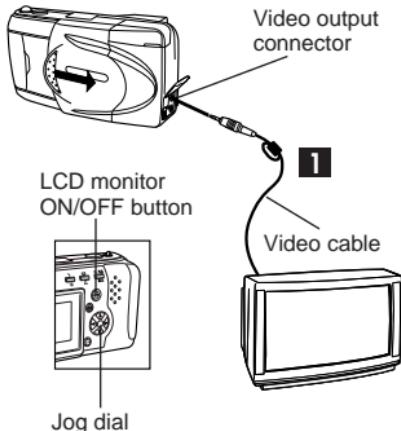
Caution:

- Never open the card cover, eject the card, remove the batteries, or pull the plug while erasing pictures. It may destroy the data in the card.
- When the picture is protected or the write-protect adhesive seal is placed on the card, the camera does not enter the Erase mode. Either cancel the protection or remove the seal in order to erase pictures. (Do not use the seal again.)

CONNECTING TO A TELEVISION

Recorded images can be viewed on a TV.

Make sure that the power of the TV and the camera are off before connecting.



1 Connect the cable by inserting it into the video output connector of the camera and the input connector of the TV.

2 Turn on the TV.

3 Turn on the camera by pressing the LCD monitor ON/OFF button.

4 Select a picture using the Jog dial.

Note:

- The LCD monitor turns off automatically when connected to a TV.
- Refer to your TV/VCR instruction manual for information about displaying video images.
- The picture may appear to be off-center on the TV screen because of the TV adjustment.
- Your TV may produce a black frame around the picture, which may look peculiar when printed to a video printer.
- The use of the optional AC adapter is recommended.
- Images shown on screen can be saved to a video tape.

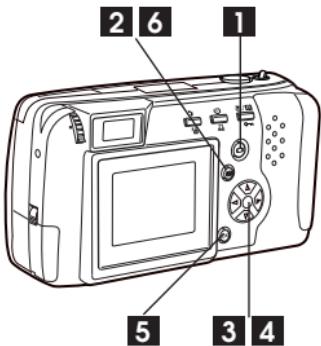
DISPLAY MENU

You can select the following modes by pressing the Menu button then the top/bottom arrows on the Jog dial in the Display mode (lens barrier closed). (p. 37)

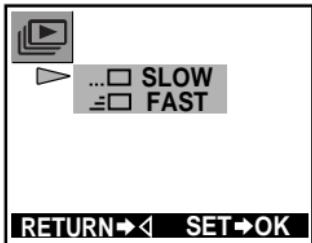
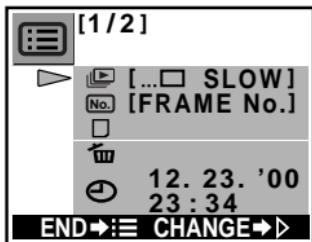
Mode	Use
Slide-Show  	For a slide-show display. (p. 92)
File No. display  	For displaying the file No. (p. 93)
Function card mode  	N/A
Card setup  	For performing All-Frame erase (p. 94) or Card format (p. 96).
Date set  	For adjusting the date and time. (p. 29)
Index-Display adjustment  	For selecting the number of frames shown in the Index-Display mode. (p. 98)
LCD brightness  	For adjusting the brightness of the LCD monitor. (p. 99)

SLIDE-SHOW MODE

You can run through all the stored pictures automatically.



LCD monitor



1 Close the lens barrier and press the LCD monitor ON/OFF button to turn on the LCD monitor.

2 Press the Menu button to display the screen shown.

3 Press the top/bottom arrows on the Jog dial to select  , and press the right arrow.

4 Select the speed using the top/bottom arrows on the Jog dial.

5 Press the OK button to start the Slide-Show.

- When SLOW is selected, it will take approx. 15 sec. to move to the next frame. When FAST is selected, it will take approx. 2 sec. to move to the next frame.
- Slide-Show is also available in the Index-Display mode. (p. 86)
- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

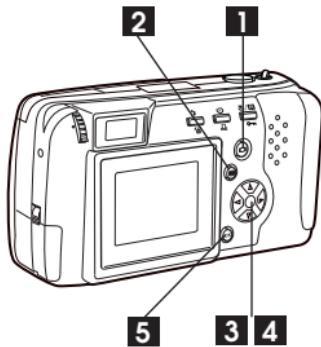
6 Press the Menu button to stop the Slide-Show.

Note:

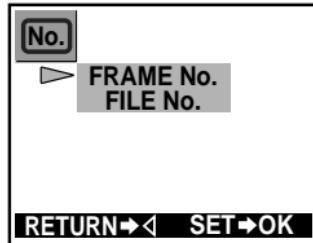
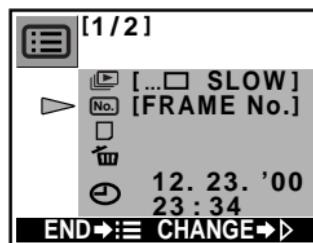
- The Slide-Show does not stop until you cancel the operation. Press the Menu button to stop it. (When the AC adapter is not connected, the power turns off automatically after about 30 minutes.)

FILE NUMBER DISPLAY

You can select either the file number or the frame number to be displayed.



LCD monitor



1 Close the lens barrier and press the LCD monitor ON/OFF button to turn on the LCD monitor.

2 Press the Menu button to display the screen shown.

3 Press the top/bottom arrows on the Jog dial to select **No.**, and press the right arrow.

4 Select FRAME No. or FILE No. using the top/bottom arrows on the Jog dial.

5 Press the OK button to save the setting. Press again to cancel the Menu.

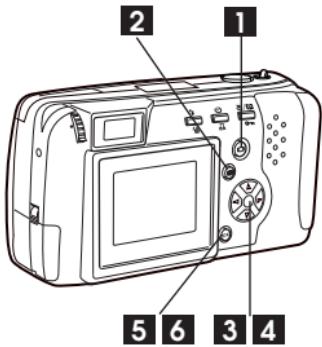
- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.
- The camera returns to the frame number display when the power is turned off.

Note:

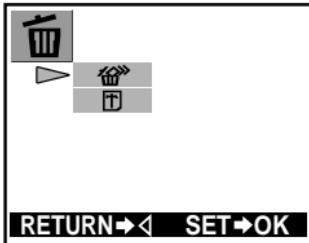
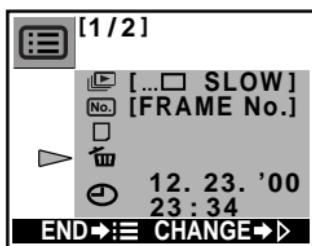
- When File No. is selected, the frame No. or date is not displayed.
- The frame No. is always displayed in the Index-Display mode even if File No. is selected.

CARD SETUP

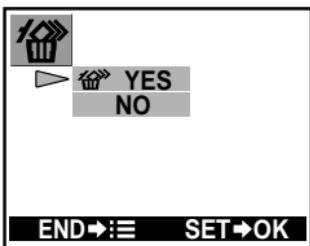
ALL-FRAME ERASE



LCD monitor



- 1 Close the lens barrier and press the LCD monitor ON/OFF button to turn on the LCD monitor.
- 2 Press the Menu button to display the screen shown.
- 3 Press the top/bottom arrows on the Jog dial to select  , and press the right arrow.
- 4 Select  using the Jog dial.
 - If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.
- 5 Press the OK button.



6 Press the OK button again with YES selected to perform All-Frame erase.

- When complete, NO PICTURE appears on the LCD monitor.
- Protected frames will remain in the card, and the last frame will be displayed. (p. 88)
- All-Frame erase is also available in the Index-Display mode. (p. 86)

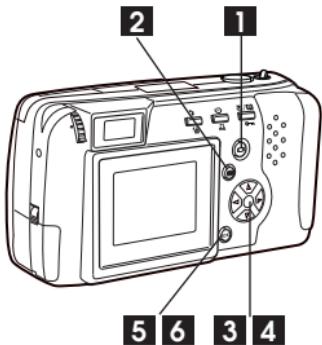


Caution:

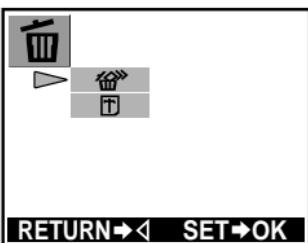
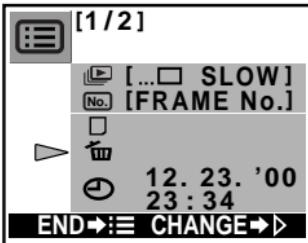
- Be careful not to erase important picture data by mistake as it cannot be retrieved.
- Never open the card cover, eject the card, remove the batteries, or pull the plug while erasing pictures. It may destroy the data in the card.
- When a write-protect adhesive seal is placed on the card, All-Frame erase cannot be performed.

CARD SETUP (cont.)

CARD FORMAT



LCD monitor



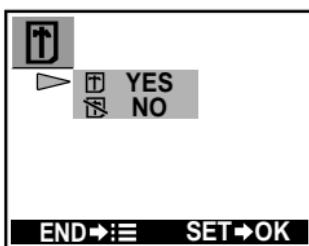
1 Close the lens barrier and press the LCD monitor ON/OFF button to turn on the LCD monitor.

2 Press the Menu button to display the screen shown.

3 Press the top/bottom arrows on the Jog dial to select  , and press the right arrow.

4 Select  using the Jog dial.
• If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

5 Press the OK button.



6 Press the OK button again with YES selected to perform Card format.

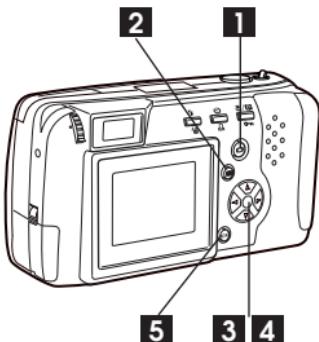
- When complete, NO PICTURE appears on the LCD monitor.

Note:

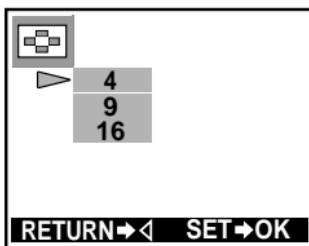
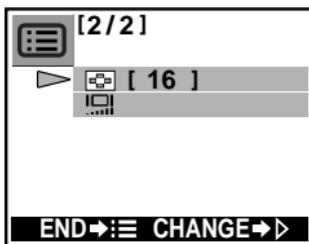
- Formatting the card erases the existing data, including pictures which have been write-protected from the camera. Be careful not to erase important data when formatting a recorded card.
- Formatting will not be engaged when the write-protect adhesive seal is placed on the card.
- Non-Olympus brand cards or cards formatted from or used in a computer must be formatted by the camera. These cards may take longer to record than recommended Olympus brand cards.
- It is highly recommended that you confirm the contents before formatting.

INDEX-DISPLAY ADJUSTMENT

You can select the number of frames shown in the Index-Display mode.



LCD monitor



1 Close the lens barrier and press the LCD monitor ON/OFF button to turn on the LCD monitor.

2 Press the Menu button to display the screen shown.

3 Press the top/bottom arrows on the Jog dial to select , and press the right arrow.

4 Select the number using the top/bottom arrows on the Jog dial.

5 Press the OK button to save the setting. Press again to cancel the Menu.

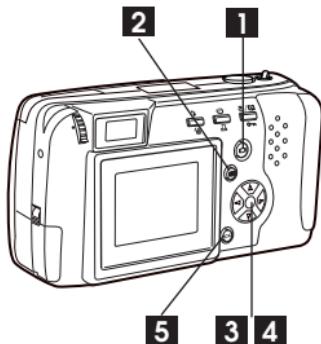
- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

Note:

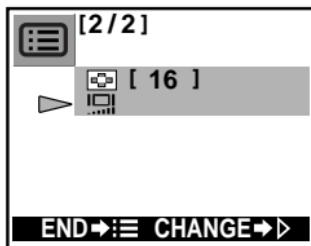
- The setting will remain even after the power is turned off until it is readjusted.
- The Frame number does not appear on the LCD monitor when 16-frame is selected.

LCD BRIGHTNESS

You can adjust the brightness of the LCD monitor.



LCD monitor



1 Close the lens barrier and press the LCD monitor ON/OFF button to turn on the LCD monitor.

2 Press the Menu button to display the screen shown.

3 Press the top/bottom arrows on the Jog dial to select  , and press the right arrow.

4 Select the brightness using the top/bottom arrows on the Jog dial.

- Adjust + to lighten the display and adjust - to darken it.

5 Press the OK button to save the setting. Press again to cancel the Menu.

- If the Menu button is pressed before the OK button, the setting and Menu mode will be canceled.

Note:

- The setting will remain even after the power is turned off until it is readjusted.

4

STORING DATA FOR PRINTING PICTURES

- You can print the recorded images using a photo printer.
- Prints can also be made at a lab that supports the Digital Print Order Format system.

PRINTING PICTURES

There are many types of printing available with this camera.

1. Store printing data in the SmartMedia card (Card-Print) and make desired prints using a printer or a lab that supports the Digital Print Order Format system. Since the print order is already written in the card, you do not have to make orders at the lab. (With Card-Print, you can select the frames to be printed and decide to print the date or time. Data for the number of pictures to be printed cannot be stored.)
2. When using the P-330N/P-330 printer, simply insert a card that contains images into the printer and direct-print them. No cables are necessary.
(The procedure for making prints must be performed on the printer. See the printer instructions for details.)
3. When using the provided software or optional FlashPath Floppydisk Adapter or PC Card Adapter, you can transfer the recorded images to a personal computer and make prints.

Digital Print Order Format system

The Digital Print Order Format (DPOF) system is a format developed to record information for making prints of images taken with digital cameras. With this data in the card, prints can be easily made using a printer or a lab that supports this system.

Note:

- Images taken with this camera can also be printed using a printer or a lab that supports the Design rule for Camera File system/DCF.
- Print data that has been written with other equipment that supports the DPOF system cannot be changed with this camera. Use the original equipment to do this.
- If print data is written using Card-Print to a card which contains print data written with other equipment, the old data may be erased.
- This camera cannot be connected to the Olympus P-300 printer.
- Functions may not work fully depending on the printer or the lab used.

CARD-PRINT

Store printing data in the card and make prints using a printer or a lab that supports the Digital Print Order Format system.

CARD-PRINT MENU

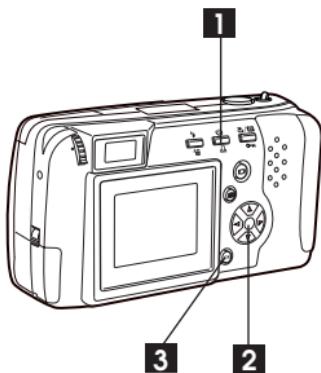
You can select the following modes with each press of the Print button in the Display mode (lens barrier closed).

Mode	Use
 Regular display	For a regular display.
 Date print	For storing data for Date-Print (card). (p. 104)
 Print reserve	For storing data for pictures to be printed. (p. 105)

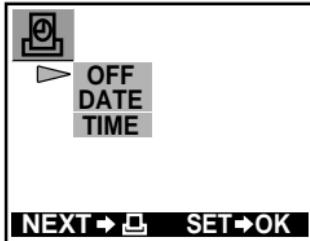
CARD-PRINT (cont.)

DATE-PRINT (CARD)

You can store data for printing the date with pictures. (p. 102)



LCD monitor



1 Close the lens barrier, turn on the LCD monitor and press the Print button to display the screen shown.

2 Select DATE or TIME using the Jog dial.

3 Press the OK button to save the setting.

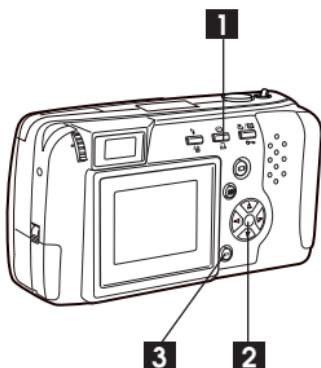
- If the Print button is pressed while the setting is being entered, it will be canceled and the next setting menu will appear.
- If the LCD monitor ON/OFF button is pressed while the setting is being entered, it will be canceled and the LCD monitor will be turned off.

Note:

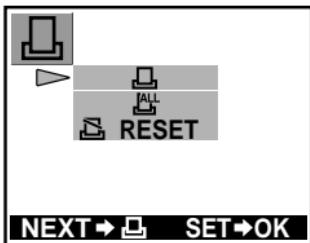
- Set the date beforehand.
- Pictures taken after this function is selected will not be printed.
- When using the P-330N/P-330 printer, Date-Print must be set on the printer.
- It may take a while to store data in the card.

PRINT-RESERVE (CARD)

You can store data for making prints with a printer or at a lab that supports this system. (p. 102)



LCD monitor



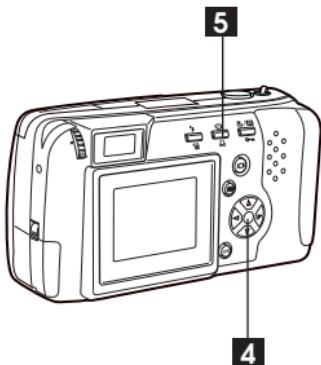
1 Close the lens barrier, turn on the LCD monitor and press the Print button twice to display the screen shown.

2 Select (1-frame) or (all-frame) using the Jog dial.
• Select RESET to cancel all of the selections.
• If the Print button is pressed while the setting is being entered, it will be canceled.

3 Press the OK button to save the setting and display on the LCD monitor.

- Pressing the OK button when is displayed on the LCD monitor will cancel the selection.
- Selection can also be made in Index-Display.

CARD-PRINT (cont.)



4 With (1-frame), select another picture using the Jog dial until all the selections are made.

- If the LCD monitor ON/OFF button is pressed while the setting is being entered, it will be canceled and the LCD monitor will be turned off.

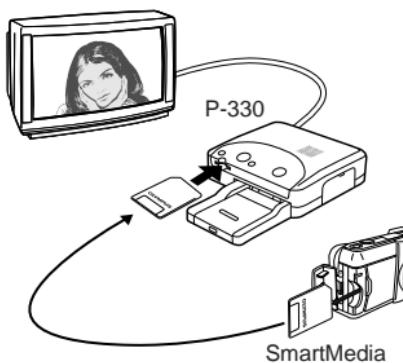
5 Press the Print button to save the setting.

Note:

- The data will remain in the card until the setting is changed.
- RESET erases all of the selections.
- Functions may not work fully depending on the printer or the lab used.
- It may take a while to store data in the card.

PRINTING WITH THE P-330N/P-330

Direct print is possible by inserting a recorded SmartMedia into the P-330N/P-330 printer.



[Main features]

- Single print
- Multi print (4/9/16-cut)
- Random print
- Print reserve ("Select with camera")
- Close-Up print (1.5X/2X)
- Date print
- Mirror print
- Function card compatible (Template card)

* Read the P-330N/P-330 instructions for details.

Note:

- You can reserve pictures to be printed on the camera. (p. 105)
- The P-330N/P-330 printer cannot be connected to the Computer connector of the camera.
- When the P-330N/P-330 is connected to the Video output connector of the camera, the printer's performance will be limited.



5

USING A PERSONAL COMPUTER

COMPUTER SYSTEM REQUIREMENTS

When using the provided utility software:

Personal computers used with this camera must conform to the following minimum standards.

- IBM PC/AT compatible

Windows 98/95/NT 4.0 : Pentium or later

CD-ROM drive

24MB RAM

45MB available HD space

Standard RS-232C interface

D-SUB 9-pin connector

Monitor with thousands of colors

640 x 480 screen resolution

- Apple Macintosh

PowerPC 601 or later

Mac OS 7.6.1 ~ 9

CD-ROM drive

24MB RAM

45MB available HD space

Mac standard serial port

Monitor with thousands of colors

640 x 480 screen resolution

* USB support is optional for this camera.

* For USB-equipped computers, use the optional SmartMedia Reader/Writer.

INSTALLING PROVIDED SOFTWARE

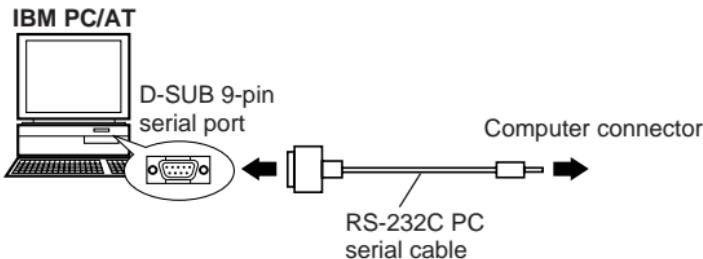
To take full advantage of a wide range of functions, including download, display, storage and panorama, your Olympus digital camera comes with software applications and CAMEDIA Master. For installation and operation, please refer to the software's online documentation.

CONNECTING TO A PERSONAL COMPUTER

Use the appropriate connector according to your computer's platform.

- **IBM PC/AT compatible**

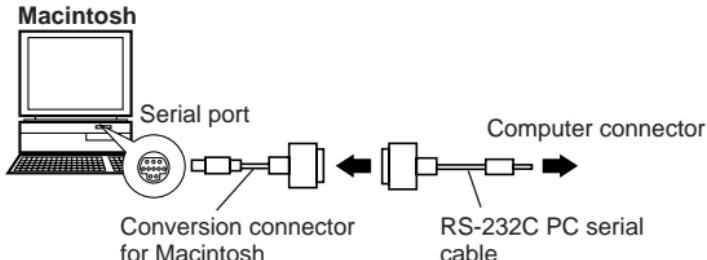
Connect the provided RS-232C PC serial cable to the D-SUB 9-pin COM 1 or COM 2 serial port on your computer.



- **Apple Macintosh or compatible**

Attach the conversion connector for Macintosh to the printer serial port or modem serial port on your computer, and then connect the RS-232C PC serial cable. **(Turn off AppleTalk if connected to the printer port.)**

The Macintosh conversion connector allows you to connect your camera to a Macintosh computer. It cannot be used to connect a Macintosh to a printer.



Note:

- In order to prevent battery consumption, the use of the optional AC adapter is recommended.

USING A PERSONAL COMPUTER

- 1 Install CAMEDIA Master (provided).
- 2 Make sure that the power of the personal computer and the camera are OFF before connecting.
- 3 Connect the RS-232C PC serial cable to the computer's serial port.
- 4 Open the Connector cover on the camera, and connect the cable to the camera's Computer connector.
- 5 Turn on the personal computer.
- 6 Open the lens barrier on the camera to turn it on.
- 7 Start CAMEDIA Master on the computer.

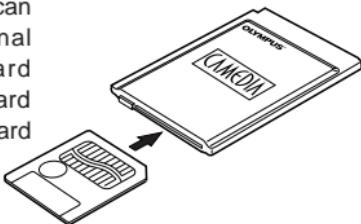
Note:

- Do not connect when the power of the camera is on as it may cause a camera malfunction.
- Use of the optional AC adapter is recommended for computer downloads.
- Camera functions will be disabled while the camera is connected to a computer.
- The computer cannot communicate with the camera when the lens barrier is closed.

TRANSFERRING DATA FROM SmartMedia

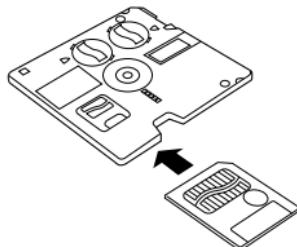
PC CARD ADAPTER

The picture data in the SmartMedia can be directly transferred to a personal computer equipped with a PC card (PCMCIA) slot or an external PC card reader/writer, using the optional PC Card Adapter.



FlashPath FLOPPYDISK ADAPTER

The picture data in the SmartMedia can be directly transferred to a personal computer equipped with a 3.5" FDD, using the optional FlashPath Floppydisk Adapter.



SmartMedia READER/WRITER

The picture data in the SmartMedia can be directly transferred to a personal computer (Windows 98/Mac OS 8.6) equipped with a USB port, using the optional SmartMedia Reader/Writer.

Note:

- Check for compatibility. This equipment may not function properly on all operating systems.
- Do not use a SmartMedia with Write-protect adhesive seal on a computer as it will cause errors. (Refer to the instructions of the adapters.)

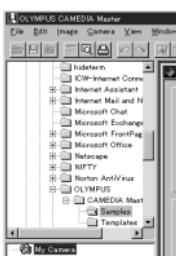
USING CAMEDIA Master

VIEWING IMAGES STORED IN THE CARD ON YOUR COMPUTER

You can view images stored in a SmartMedia card via CAMEDIA Master.



1 Start CAMEDIA Master on the computer.



2 Click on [My Camera].



3 A thumbnail index of stored images will be displayed.

USING CAMEDIA Master (cont.)



4 Place the cursor on the desired image and double-click on it.

This will open the selected image.

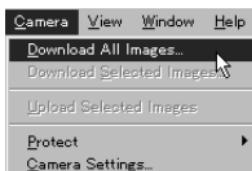
TRANSFERRING DATA USING CAMEDIA Master

CAMEDIA Master transfers images stored in the card to your computer.



.....

1 Start CAMEDIA Master on the computer.



2 Select [Camera] - [Download All Images] on the menu bar.
The computer will start transferring images from the camera to the computer.

Note

- You can view images using software such as graphics applications that support JPEG like Paint Shop Pro/Photoshop, Internet browsers like Netscape Communicator/Microsoft Internet Explorer, and CAMEDIA Master (supplied with the camera).

PROCESSING IMAGES USING CAMEDIA Master

You can process images (changing tones, composing, and so on) using the provided CAMEDIA Master or other application software.

MAKING DARK IMAGES BRIGHT

Some images may come out darker than expected. You can try taking pictures again right after shooting, but may often miss the right moment for a good picture. This is where CAMEDIA Master Instant Fix comes in. You can easily brighten images.



- 1 Place the cursor on the desired image and double-click on it.

This will display the selected image.

PROCESSING IMAGES USING CAMEDIA Master (cont.)



2 Select [Image] - [Instant Fix] on the menu bar.

This will brighten the selected image.

CORRECTING BLURRY IMAGES

Backlight sometimes makes the whole image blurry, and an object which stands before the subject may be out-of-focus. Use CAMEDIA Master Sharpen when this happens to sharpen the whole image. However, you should note that it doesn't wipe out image blur thoroughly.



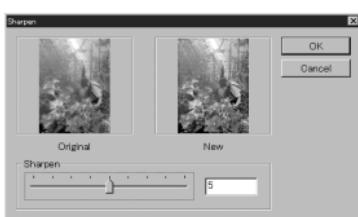


1 Place the cursor on the image you want to correct and double-click on it.

This will display the selected image.



2 Select [Image] – [Filter] – [Sharpen] on the menu bar.



3 Specify the degree of sharpness either by sliding the slide bar or inputting a value from 1 to 9, while comparing "Original" and "New".

4 When the desired result is obtained, click on [OK].

PROCESSING IMAGES USING CAMEDIA Master (cont.)



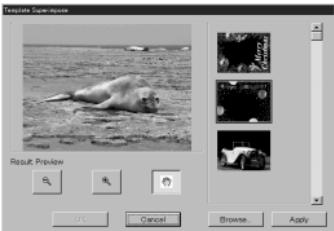
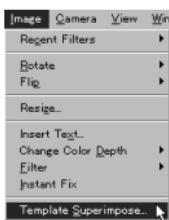
This will sharpen the selected image.

COMPOSING IMAGES WITH TEMPLATES

You can easily compose images with templates in CAMEDIA Master.



1 Place the cursor on the image you want to compose and double-click on it.
This will display the selected image.



2 Select [Image] - [Template Superimpose] on the menu bar.

This will display the compose window.



3 Select a template and click on [Apply].

This will display the preview image.

4 When you are happy with the sample image, click on [OK].

The composed image will be displayed.

There are a lot of functions for editing images in addition to those mentioned here. See the online help of CAMEDIA Master for information on other functions.



6

MISCELLANEOUS

QUESTIONS AND ANSWERS

Q

How long will the batteries last?

A

Battery life is affected by many variables such as the amount of LCD monitor use, the frequency of flash use, as well as by the kind of battery used and the environmental conditions under which the camera is used. Using the LCD monitor frequently will use up your batteries quickly. Keep the LCD monitor turned off to save power. Use of the optional AC adapter is recommended.

Q

How can I correct the clock in the camera that will be used to record the date on the image data?

A

Date adjustment is not made when the camera is shipped. You can adjust the date either from the camera or from the computer. (p. 29) The adjusted date will be canceled when the camera is left without batteries for approx. one hour (based on our tests). In such a case, adjust the date again.

Q

How should I store the camera?

A

Cameras are susceptible to damage caused by dust, moisture, and salt. Wipe and dry the camera thoroughly before storing it. After using it at the beach, wipe it with a cloth that has been moistened with fresh water and then wrung out. Do not store in an area where mothballs are used. Unload the batteries if you do not plan to use the camera for a long period.

Q

Why do the subjects' eyes sometimes appear red in pictures?

A

This "red-eye phenomenon" occurs with all cameras when a flash is used. It is caused by light from the flash reflecting off the retina at the back of the eye. Red-eye varies depending on the individual and the shooting conditions such as ambient lighting. Use of the Red-Eye Reducing Pre-Flash mode significantly reduces this phenomenon. (P. 54)

Q

Can I use a filter or hood?

A

Olympus does not provide one.

Q

Can I use an extension flash?

A

This camera is not designed for use with extension flashes. A slave unit may not function with this camera.

TROUBLESHOOTING

OPERATING PROBLEMS

The camera does not work.

- ① The power is OFF.
→ Open the lens barrier to turn on the power. (P. 31)
- ② The batteries are loaded incorrectly.
→ Reload the batteries correctly. (P. 25)
- ③ The batteries are exhausted.
→ Replace the batteries with new ones. (P. 25)
- ④ The batteries are temporarily unable to function.
→ Keep the batteries warm while using the camera.
- ⑤ The camera is set to the stand-by mode.
→ Close and open the lens barrier. (P. 31)
- ⑥ The camera is connected to a personal computer.
→ The camera does not work when connected to a computer. (P. 113)

No picture is taken when the Shutter release button is pressed.

- ① The flash has not finished charging or the previous picture is being written into the card.
→ Remove your finger from the Shutter release button and wait until the Orange lamp or the Green lamp stops blinking. (P. 42/52)
- ② There is no card in the camera or there is a problem with the card.
→ See the Error code chart. (P. 131)
- ③ The card is full.
→ Replace the card, delete unwanted pictures or transfer the data to a computer and delete all of the pictures. (P. 28/89/94/113)
- ④ The batteries ran out.
→ Replace the batteries with new ones. (P. 25)
- ⑤ The battery power is low.
→ Replace the batteries with new ones. (Do not open the Battery compartment cover when the Green lamp is blinking.) (P. 25)
- ⑥ A write-protect adhesive seal is placed on the card or there is no card in the camera.
→ Insert a new card in the camera. (P. 28)
- ⑦ The camera is in the Display mode.
→ Open the lens barrier. (P. 42)

The flash does not fire.

- ① The flash mode was set to the Off mode.
 - Push up the flash to use it. (P. 52) The flash cannot be used in the Sequence mode or Panorama mode. (P. 73/75)
- ② The subject is lighted.
 - Set the flash to Fill-In mode. (P. 55)

The pictures already taken do not appear on the LCD monitor.

- ① The camera is in the Record mode.
 - Close the lens barrier and press the LCD monitor ON/OFF button. (P. 84)
- ② There is no picture in the card.
 - NO PICTURE appears on the LCD monitor. (P. 84)
- ③ There is a problem with the card.
 - See the Error code chart. (P. 131)
- ④ The camera is connected to a TV.
 - The LCD monitor turns off when connected to a TV.

The LCD monitor is hard to read.

- ① The brightness may be incorrectly set.
 - Adjust the brightness. (P. 99)
- ② It is under sunlight.
 - Block the sunlight.
- ③ The LCD monitor is broken.
 - Have it repaired.

Protection, One-Frame erase, All-Frame erase or Card format cannot be performed.

- ① A write-protect adhesive seal is placed on the card.
 - Remove the seal from the card. Do not use the seal again.

TROUBLESHOOTING (cont.)

When the camera is connected to a computer, an error message appears while data is being transferred to the computer.

- ① The cable is not plugged in correctly.
→ Connect the cable correctly. (P. 112)
- ② The power is OFF.
→ Open the lens barrier. (P. 31)
- ③ The batteries are exhausted.
→ Replace the batteries with new ones (P. 25) or use the optional AC adapter (P. 27).
- ④ The serial port is not selected correctly.
→ Use the operating system software to make sure the serial port is selected correctly.
- ⑤ There is no available serial port.
→ Make one available by following the computer's instructions.

PROBLEMS WITH IMAGES

The picture is out of focus.

- ① The camera moved when the shutter button was pressed.
→ Hold the camera correctly, and press the shutter button. (P. 35/36)
- ② The viewfinder's autofocus mark was not positioned on the subject.
→ Position the autofocus frame on the subject, or use the focus lock. (P. 42/47)
- ③ The lens is dirty.
→ Clean the lens with a soft dry cloth.
- ④ The mode was not selected correctly.
→ Shoot with the Macro mode when the subject is within the range of 8"~31". For further distances, shoot with the Standard mode. (P. 50/57)
- ⑤ The Shutter release button was pressed while standing right in front of the camera in the Selftimer mode.
→ Press the Shutter release button while looking into the viewfinder with the camera aimed at the subject, not while standing in front of the camera. (P. 59)
- ⑥ The flash mode was set to Red-Eye Reducing flash, Off, Slow Shutter Synchronization flash or Red-Eye Reducing flash + Slow Shutter Synchronization flash in a situation where the use of the flash is necessary.
→ It takes time before the shutter is released in these flash modes. Hold the camera securely or use a tripod. (P. 54/55/56)

⑦ The Quick Focus was used with the wrong focal range.
→ Use the right Quick focus button on the Jog dial for the distance.
(P. 60)

The picture is too dark.

① The flash was blocked by a finger.
→ Hold the camera correctly, keeping your fingers away from the flash. (P. 35)

② The subject was out of the working range of the flash.
→ Shoot within the flash working range. (P. 52)

③ The flash mode was set to the Off mode.
→ Push up the flash to use it. (P. 52)

④ The subject was too small and was backlit.
→ Set the flash to Fill-In mode. (P. 55) Or, use the Spot metering mode. (P. 65)

⑤ The picture was taken with the Sequence mode.
→ Pictures will appear dark in the Sequence mode because of the fast shutter speed, especially in dark places. (P. 73)

The picture is too bright.

① The flash was set to the Fill-In Flash mode.
→ Set the flash mode to one other than Fill-In Flash. (P. 53)

② The subject was very bright.
→ Either adjust the exposure or point the camera away from overly bright subjects. (P. 63)

The colors of pictures taken indoors look unnatural.

① The lighting fixture(s) affected the picture.
→ Set the flash mode to Fill-In. (P. 53)

② The subject is mostly dark.
→ Include white in the image or adjust the white balance.
(P. 69)

③ The white balance setting is wrong.
→ Adjust the white balance. (P. 69)

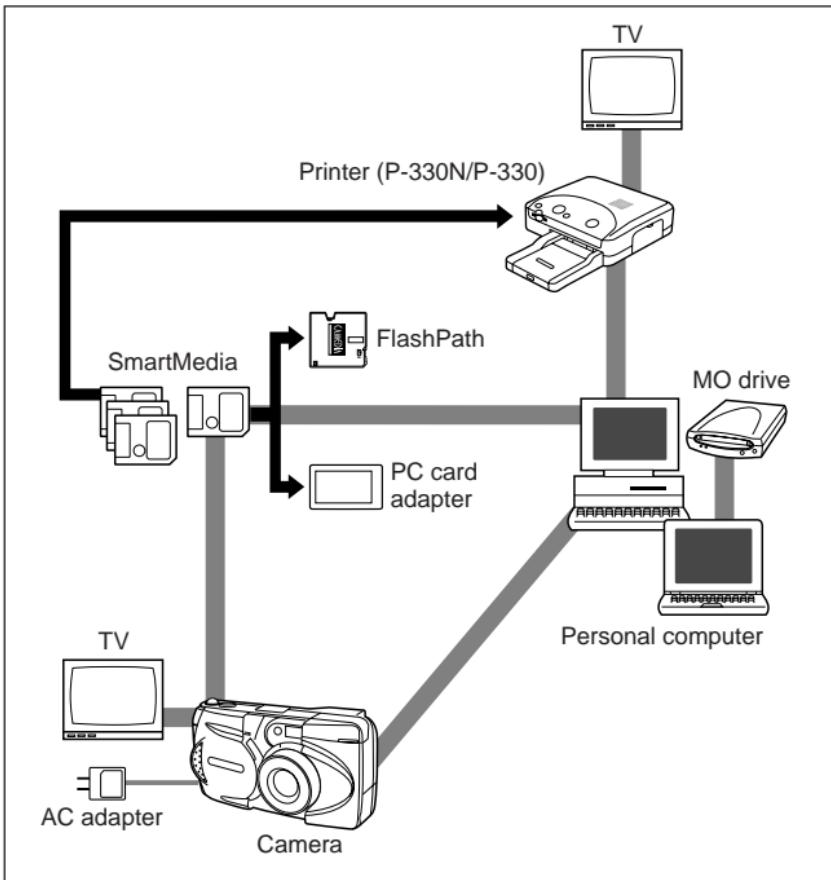
The picture has obscured edge(s).

① The lens was partly blocked by a finger or the strap.
→ Hold the camera correctly, keeping your fingers and the strap away from the lens. (P. 35)

② The shooting distance was too close.
→ Use the LCD monitor. (P. 44)

SYSTEM CHART

A variety of capabilities are available when connected to optional equipment.



ERROR CODES

LCD monitor	Error
 NO CARD	There is no card in the camera. Insert a SmartMedia card.
 CARD FULL	No more photographs can be taken. Replace the SmartMedia, erase unwanted pictures, or transfer the data to a personal computer and free up space in the SmartMedia.
 WRITE-PROTECT	A write-protect adhesive seal is placed on the card or the card is for Display mode only. The camera cannot enter Record, Erase or Card format mode.
 CARD ERROR	The camera cannot enter Record, Display or Erase mode. If cleaning the connector does not help or if Card format mode cannot be entered, this card cannot be used and may be damaged.

OPTIONAL ITEMS

- Photo Printers For Olympus Digital Cameras
- AC Adapter
- Camera Case
- Standard SmartMedia Card (8/16/32/64MB)
- FlashPath Floppy Disk Adapter
- PC Card Adapter
- NiMH Batteries
- NiMH Battery Charger
- SmartMedia Reader/Writer

NOTES ON DISPLAY AND BACKLIGHT

- The Control panel and the fluorescent lamps used in the LCD monitor have a limited service life. If they begin to darken or flicker, contact your nearest service center.
- In cold conditions, the display backlight may be slow to come on or may change color suddenly. To avoid this, keep the camera warm when using in cold temperatures. Backlight performance will return to normal under normal temperature conditions.
- When the color LCD monitor shows different pictures, some pixels may not change color and remain on or off. This phenomenon may be due to a lag in some circuits, but is considered to be within the normal operating tolerances of the LCD monitor. In addition, the brightness of the color LCD monitor may vary between pictures.

COMPATIBILITY OF THE PICTURE DATA

- Images taken by this camera may not be properly displayed with other Olympus digital cameras.
- Images taken by other Olympus digital cameras may not be properly displayed with this camera.

SPECIFICATIONS

Product type	: Digital camera (for shooting and displaying)
Recording System	: Digital recording (JPEG/TIFF in accordance with "Design rule for Camera File system/DCF", Digital Print Order Format (DPOF) system support)
Memory	: 3V (3.3V) SmartMedia 2MB, 4MB, 8MB, 16MB, 32MB, 64MB
No. of storable frames	: Approx. 2 shots (TIFF/8MB) : Approx. 18 shots (SHQ/8MB) : Approx. 36 shots (HQ/8MB) : Approx. 32 shots (SQ-HIGH/8MB) : Approx. 122 shots (SQ-NORMAL/8MB)
Erase	: One-frame erase / All-frames erase
Image pickup element	: 1/2.7 inch CCD solid-state image pickup : 1,310,000 pixels (gross)
Recording image	: 1280 x 960 pixels (HQ/SHQ/TIFF modes) : 640 x 480 pixels (SQ mode)
White balance	: Full auto TTL, Preset (daylight, overcast, tungsten light, fluorescent light)
Lens	: Olympus lens 5.4 ~ 16.2 mm, F2.8 ~ 4.4, 8 elements in 6 groups (equivalent to 35 ~ 105 mm lens on 35 mm camera), aspherical glass
Photometric system	: Digital ESP metering system, Spot metering system
Exposure control	: Program auto exposure
Aperture*	: W : F2.8, F8 T : F4.4, F12.6
Shutter*	: 1/2 ~ 1/1000 sec. (used with mechanical shutter) * Manual setting not available
Working range	: 8" ~ 31" (Macro mode) 31" ~ ∞ (Standard mode)
Viewfinder	: Optical real image viewfinder (Autofocus mark/Backlighting correction mark), LCD monitor

LCD monitor	: 1.8" TFT color LCD display
No. of pixels	: Approx. 61,000 pixels
On-screen display	: Date/Time, Frame number, Protect, Recording mode, Battery check, File No. display, Card-Print, Menu, etc.
Battery charging time for flash	: Approx. 8 sec. (at normal temperature with new batteries)
Flash working range	: W : Approx. 8" ~ 13 ft : T : Approx. 8" ~ 8.5 ft
Flash modes	: Auto-Flash (automatic flash activation in low light and backlight), Red-Eye Reducing Flash, Off (no flash), Fill-In Flash (forced activation), Slow Shutter Synchronization Flash, Red-Eye Reducing Flash + Slow Shutter Synchronization Flash
Autofocus	: TTL system autofocus, Contrast detection system/Focusing range; 8" ~ ∞
Selftimer	: Electronic Selftimer with 12-sec. delay
Outer connector	: AC adapter connector, Computer connector (RS-232C), Video output connector
Date and time	: Recorded with picture data simultaneously
Automatic calendar system	: Up to 2030
Card function	: Panorama assembly
Operating environment	
Temperature	: 32 ~ 104°F (operation) -4 ~ 140°F (storage)
Humidity	: 30 ~ 90 % (operation) 10 ~ 90 % (storage)

SPECIFICATIONS (cont.)

Power supply	: This camera uses four AA nickel metal hydride batteries, AA lithium batteries, AA alkaline batteries or AA NiCd batteries. Two CR-V3 lithium battery packs can also be used. (Olympus brand recommended.) Do not use manganese batteries. Exclusive AC adapter (optional)
Dimensions	: 5" (W) x 2.6" (H) x 2.1" (D)
Weight	: 9.5 oz (without batteries/card)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE OR OBLIGATION ON THE PART OF THE MANUFACTURER.



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Serial number/Numéro de série/Número de serie

Digital camera	
CD-ROM	